

19990511.qrp v01\_n454.qrl.990511

Date: Tue, 11 May 1999 19:04:14 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1454

QRP-L Digest 1454

Topics covered in this issue include:

- 1) [40114] FS/TRADE: Norcal-20 Unbuilt  
by Dick Schneider <rschneid@ix.netcom.com>
- 2) [40115] Bilal Isotron?  
by "George Goodroe" <goodroe@worldnet.att.net>
- 3) [40116] 80M fox?  
by waltk8cv@juno.com
- 4) [40117] FS/TRADE: Norcal-20 Unbuilt - SOLD  
by Dick Schneider <rschneid@ix.netcom.com>
- 5) [40118] Re: SV: Winter Issue of QRPP, Who gets it  
by sda <sda@bellsouth.net>
- 6) [40119] Solar Flux and 1000's of miles/watt  
by w4pj@w4bkx.ampr.org
- 7) [40120] Re: 80M fox?  
by fred.devries@mindspring.com
- 8) [40121] RE: cw speed  
by hamjoel@juno.com
- 9) [40122] Re: 80M antennas  
by Jay Freeman <jayFreem@direcpc.com>
- 10) [40123] Re: speed  
by Wayne Alexander <walexan@ipa.net>
- 11) [40124] SOLD:  
by Tom Bowman <tbowman@nbn.net>
- 12) [40125] Re: 80M fox?  
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 13) [40126] Re: Need Phone # (Antennas & More)  
by "Radman" <radman@best.com>
- 14) [40127] Kites and Antennas  
by "Walter Dufrain" <walter@inlink.com>
- 15) [40128] Bilal Isotron  
by "George Goodroe" <goodroe@worldnet.att.net>
- 16) [40129] 386's for packet...any takers?  
by Ron <rong@slip.net>
- 17) [40130] How to stick transparency to front panel?  
by KM3D <bump-km3d@redrose.net>
- 18) [40131] CQC Snowshoe Results (12-98)  
by Dick Schneider <rschneid@ix.netcom.com>
- 19) [40132] multiple-turn wire loop antennas

- by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 20) [40133] 1999 CQC Winter QSO Party Results (2-99)  
by Dick Schneider <rschneid@ix.netcom.com>
- 21) [40134] Collins directional couplers ...swap for ??  
by James R Giammanco <n5ib@juno.com>
- 22) [40135] Re: No wonder I haven't worked any CW DX  
by "Al Gritzmacher" <ae2t@arrl.net>
- 23) [40136] Re: How to stick transparency to front panel?  
by "Al Gritzmacher" <ae2t@arrl.net>
- 24) [40137] 38 Special quirk  
by James R Giammanco <n5ib@juno.com>
- 25) [40138] Re: A Good Weekend - WAS at 1,000 miles per watt  
by Jim Hale <kj5tf@yahoo.com>
- 26) [40139] Correct URL for Kites & Antennas  
by "Walter Dufrain" <walter@inlink.com>
- 27) [40140] Re: Kites and Antennas  
by Wa2eaw@aol.com
- 28) [40141] Re:CW speed and DXing  
by Niels Jensen Kristjansson <nkristja@cadvision.com>
- 29) [40142] 80M Activity  
by mwattcpa@earthlink.net (Marty Watt)
- 30) [40143] Re: speed  
by mwattcpa@earthlink.net (Marty Watt)
- 31) [40144] Re: speed  
by mwattcpa@earthlink.net (Marty Watt)
- 32) [40145] 80 meters .....  
by waltk8cv@juno.com
- 33) [40146] Re: 80M CW  
by "Richard Brummer" <obvious@bestweb.net>
- 34) [40147] 1st contact  
by "Charles Hamel" <cdhamel@pdq.net>
- 35) [40148] Re: speed  
by Ron Stark <ku7y@dri.edu>
- 36) [40149] Thanks for new QRP book info  
by "John Burnley" <burnley-ia@worldnet.att.net>
- 37) [40150] QRP Quarterly on the streets soon  
by Mike Czuhajewski <wa8mcq@erols.com>
- 38) [40151] KI0AF 15 Meter SST and REGEN Pictures  
by "John Burnley" <burnley-ia@worldnet.att.net>
- 39) [40152] 80 meters  
by Thomas Upton <stjohn@ocsnet.net>
- 40) [40153] No wonder I haven't worked any CW DX  
by "Jacques Brenkman" <jbrenkma@office.casema.nl>
- 41) [40154] Re: QRP Quarterly on the streets soon  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 42) [40155] AW: 80M CW  
by "Peter Zenker" <Peter\_DL2FI@csi.com>
- 43) [40156] interesting finding while qrp dxing

by PUNISHER3@aol.com

44) [40157] RE: interesting finding while qrp dxing  
by "Ed Tanton" <n4xy@att.net>

45) [40158] Re: speed  
by "Jerry W. O'Dell" <jwodell@ameritech.net>

46) [40159] 80 meters  
by "Jerry W. O'Dell" <jwodell@ameritech.net>

47) [40160] Re: 386's for packet...any takers?  
by "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>

48) [40161] Using Juno and getting Spam  
by "C. M. Tyler" <k5gq@juno.com>

49) [40162] Sticking transparencies to front panel  
by Peter\_Simpson@ne.3com.com

50) [40163] LED night light?  
by Peter\_Simpson@ne.3com.com

51) [40164] Re: LED night light?  
by "Radman" <radman@best.com>

52) [40165] Re: CW Speed, mistakes.  
by Zack Lau <zlau@arrl.org>

53) [40166] More 2N2/40 Pictures  
by "Jim Kortge, K8IQY" <jokortge@cwix.com>

54) [40167] LED night light  
by "Mike Newbold" <newbold@cmn.net>

55) [40168] Re: interesting finding while qrp dxing  
by Dave Sjolín <sjolin@swbell.net>

56) [40169] Re: Hooked on Phonics (QRP Ver.)  
by Karl.Kanalz@optelinc.com

57) [40170] K9AW/DU6  
by kreinbd@ccgate.dl.nec.com (David Kreinberg)

58) [40171] HAMCOM QRP HOTEL RATE EXPIRES TODAY  
by Doc - W5TB <w5tb@softhome.net>

59) [40172] Re: LED night light?  
by "Mike Yetsko" <myetsko@insydesw.com>

60) [40173] RE: speed  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

61) [40174] Re: More 2N2/40 Pictures  
by Chris Cartwright Sr <ccart@phideaux.com>

62) [40175] RE: How to stick transparency to front panel?  
by Larry East <w1hue@amsat.org>

63) [40176] RS Power Supply Voltage Setting  
by Larry East <w1hue@amsat.org>

64) [40177] Dayton Hamvention brochures FS  
by "Ken Simpson" <W8EK@fdt.net>

65) [40178] Re: More 2N2/40 Pictures  
by "Chris Cieslak" <ccieslak@law.uiuc.edu>

66) [40179] Re: LED night light?  
by Paul Erickson <paule@sfu.ca>

67) [40180] 17-15-12 & Simple

by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
68) [40181] Re: RS Power Supply Voltage Setting  
by "Radman" <radman@best.com>  
69) [40182] Re: RS Power Supply Voltage Setting  
by Larry East <w1hue@amsat.org>  
70) [40183] Re: Tuner  
by "Richard Brummer" <obvious@bestweb.net>  
71) [40184] Re: speed (nocode license)  
by applitech@mcg.net (Claton Cadmus)  
72) [40185] RE: LED night lights  
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
73) [40186] RE: FET replacement for 2SK125  
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
74) [40187] Re: LED night light?  
by Stanley Wilson <microres@crl.com>  
75) [40188] RUFZ, Tape Recorder, DXer's Meeting, Dayton, Supercomm, HTML  
by wd9eyb@butler.indiana.net  
76) [40189] FOX: 1998/99 QRP-L FOXHUNT RESULTS.  
by "Paul R. Valko" <prvalko@oakland.edu>  
77) [40190] RE: Speed  
by Brian Kassel <bkassel@dancris.com>  
78) [40191] DXing, Speed & /QRP  
by Ron Stark <ku7y@dri.edu>  
79) [40192] J-38 Key FS  
by "Ken Simpson" <W8EK@fdt.net>  
80) [40193] Re: AW: 80M CW  
by Dean W Manley <kh6b@juno.com>  
81) [40194] 7040 at sunrise  
by Dean W Manley <kh6b@juno.com>  
82) [40195] RE: FET replacement for 2SK125  
by "Ed Tanton" <n4xy@att.net>  
83) [40196] McElroy Bug FS  
by "Ken Simpson" <W8EK@fdt.net>  
84) [40197] RE: LED night lights  
by Karl.Kanalz@optelinc.com  
85) [40198] Re: FET replacement for 2SK125  
by Zack Lau <zlau@arrl.org>  
86) [40199] Re: interesting finding while qrp dxing  
by Bob Patten <n4bp@bc.seflin.org>  
87) [40200] Dayton Weather Report?  
by Bradley Mitchell <wb8ygg@yahoo.com>  
88) [40201] Re: LED night lights  
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>  
89) [40202] Re: LED night light?  
by Bruce Kizerian <kizerian@ced.utah.edu>  
90) [40203] First HF rig  
by Rick Morrison <RickM@firstlogic.com>  
91) [40204] Re: Dayton Weather Report?

by "Steve Sorrell" <ap036@detroit.freenet.org>  
92) [40205] Re: LED night lights  
by "John Humphrey" <jhumphre@ultra-tech.com>  
93) [40206] FS: OHR400/KC2  
by Paul Erickson <paule@sfu.ca>  
94) [40207] QRPP in Spain  
by Jon Iza <iapizloj@bicc00.bi.ehu.es>  
95) [40208] 2SK125 SUB?  
by mjfitz@uswest.net  
96) [40209] Re: First HF rig  
by "Carl Zmola" <zmola@campbellsci.com>  
97) [40210] amateur stamps..  
by sergio <sruiz@bright.net>  
98) [40211] Dayton and Paddles  
by Jerry Henshaw <jhenshaw@bellsouth.net>  
99) [40212] Masthead Transceiver??  
by Dave Barrett <DBarrett@creo.com>  
100) [40213] Re: LED night light?  
by Bruce Kizerian <kizerian@ced.utah.edu>  
101) [40214] 80 Mtrs SSB Very Active in PNW  
by Dave Barrett <DBarrett@creo.com>  
102) [40215] RE: First HF Rig  
by "Mike W. Burger" <mike@gold.chem.hawaii.edu>  
103) [40216] Re: Kites and Antennas  
by K2UD@aol.com  
104) [40217] Re: First HF rig  
by "W5TB - 'Doc' Drake" <w5tb@SoftHome.net>  
105) [40218] Re: Sticking transparencies to front panel  
by K2UD@aol.com  
106) [40219]  
by Anthony Felino <anthony@pacinfosb.com>  
107) [40220] Re: First HF rig  
by applitech@mcg.net (Claton Cadmus)  
108) [40221] Re: A Good Weekend - WAS at 1,000 miles per watt  
by Larry Cahoon <wd3p@juno.com>  
109) [40222] QRPP  
by "Graham Firth" <Graham.Firth@BTinternet.com>  
110) [40223] Re: LED night light?  
by Steve <smann@advi.net>  
111) [40224] Hamvention Award Winner  
by Dean W Manley <kh6b@juno.com>  
112) [40225] Re: Masthead Transceiver??  
by "Steven Weber" <kd1jv@moose.ncia.net>  
113) [40226] Re: Thanks for new QRP book info  
by J38AL@aol.com  
114) [40227] Re: LED night light?  
by david fouchey <dafouchey@home.com>  
115) [40228] Re: Dayton Weather Report?

by Dan Puckett <dpuckett@erinet.com>  
116) [40229] Re: Masthead Transceiver??  
by "Ed Manuel, N5EM" <n5em@flash.net>

-----  
Date: Mon, 10 May 1999 17:08:56 -0600  
From: Dick Schneider <rschneid@ix.netcom.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [40114] FS/TRADE: Norcal-20 Unbuilt  
Message-ID: <37376707.5A9DAD0F@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

FOR SALE OR TRADE:

Norcal 20 - Unbuilt. \$78.20. Includes shipping.

Or, I will trade the kit for one of the following:

SW/SW+ 20 w/SW box, knobs, pots - (I will add \$15)  
SST 20 or 40 (I will add \$10)

Email replies to:  
Dick Schneider AB0CD  
rschneid@ix.netcom.com

72 Dick AB0CD..

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Date: Mon, 10 May 1999 19:21:32 -0400  
From: "George Goodroe" <goodroe@worldnet.att.net>  
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [40115] Bilal Isotron?  
Message-ID: <000201be9b3b\$d8f58f60\$c4ebfea9@ggoodroe>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Has anyone on the list had any experience good or bad with Bilal Isotron antennas?

Thanks and 73 de KF4CPJ  
George Goodroe, QRP-L #1943  
St. Petersburg, Florida USA  
80 Meter high noise capital of the USA <grin>  
<http://home.att.net/~goodroe>  
<http://www.qsl.net/kf4cpj>

-----  
Date: Mon, 10 May 1999 22:22:08 GMT  
From: waltk8cv@juno.com  
To: qrp-l@lehigh.edu  
Subject: [40116] 80M fox?  
Message-ID: <19990510.222222.-4096343.10.waltk8cv@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

How about a nice 80 meter summer fox hunt .....

Walt K8CV Royal Oak, MI.

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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 10 May 1999 17:21:23 -0600  
From: Dick Schneider <rschneid@ix.netcom.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [40117] FS/TRADE: Norcal-20 Unbuilt - SOLD  
Message-ID: <373769F3.83D2760F@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Norcal-20 Unbuilt == SOLD seconds after posting.

72 Dick AB0CD..

-----  
Date: Mon, 10 May 1999 18:29:41 -0500  
From: sda <sda@bellsouth.net>  
To: qrp-l@Lehigh.EDU  
Subject: [40118] Re: SV: Winter Issue of QRPP, Who gets it  
Message-ID: <199905102329.TAA11215@mail2.lig.bellsouth.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I am basically in the same shape. Joined in early February, and I too have been anxiously awaiting it, drooling over the 10+ posts about how awesome it is. "Ugh," as Charlie Brown would say. Suppose I can wait for the reprint, but does anyone happen to have an extra copy they would sell me?

72

Todd Atkins, K4MSW  
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

At 05:29 PM 5/10/99 +0200, you wrote:

>THIS was bad news...  
>I have already started stocking up components for the 2N222 trx, eagerly  
>waiting to get the QRPP in the mailbox, looking every morning reading here  
>about how great the issue is...  
>Became a member early february. But will obviously not get a copy.  
>So now I am BEGGING:  
>Could anyone more fortunate please help me to photocopy the QRPP and mail to  
>Sweden. Since I am way over here I have no chance of doing it myself after  
>borrowing the copy from a neighbor.  
>Of course I will pay for the costs.  
>73  
>Hans / SM4ATJ  
>

>-----Ursprungligt meddelande-----  
>Fr n: Hendricks, Doug <ki6ds@dpol.k12.ca.us>  
>Till: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
>Datum: den 10 maj 1999 16:55  
> mne: Winter Issue of QRPP, Who gets it  
>  
>

>>Guys, the cutoff date for the winter issue of QRPP was Dec. 15, 1998. Only  
>>those renewals and new subs received by that time made the list for QRPP.  
>>We had delays in production etc. but the bottom line is that was the cut



>off  
>>point. If you did not make that deadline, the news is not all bad. Paul  
>>Harden and Quicksilver Printing will be selling individual copies to be  
>>announced soon, probably in June sometime. Please have patience. 72,  
>Doug,  
>>KI6DS  
>>  
>>  
>

-----  
Date: Mon, 10 May 1999 19:39:51 EDT  
From: w4pj@w4bkx.ampr.org  
To: qrp-l@lehigh.edu  
Subject: [40119] Solar Flux and 1000's of miles/watt  
Message-ID: <67944@w4bkx.ampr.org>

With the Flux up, the higher bands are getting productive.  
4X1KS on 21242.8 ssb "QRZ"  
I drop in a "QRP" - "QRP station, again?"  
a 3 by 3 from Mark in Jerusalem and a "truly amazing" when I told him  
my power meter showed a little over 2 watts on voice peaks, translating  
to probably a little over 4 watts PEP. "What's your antenna?"  
"A Classic 36 Mosley (6 element tribander) at 60ft fed with 100ft of 9913,  
Poor-man's-Hardline" "I want to make sure as many milliwatts as possible  
make it to the antenna." Maybe another convert in the making? He sure  
sounded tickled with the QRP QSO. Another good thing, he has a stateside  
QSL manager <grin>. After I finished with Mark, there was another station  
in Europe calling me, but it was dinnertime and the frequency was Marks.  
After the Heat game, I'll see what other 1000mi/watt QSO's can be had.  
Last night on 20m the Russians were crawling all over the pole. (Picture  
that image <big grin>).

de Scott / W4PJ QRP-L #1585

-----  
Date: Mon, 10 May 1999 19:54:15 -0400  
From: fred.devries@mindspring.com  
To: <waltk8cv@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [40120] Re: 80M fox?  
Message-ID: <009001be9b40\$6a5dd8a0\$7b0f8ad1@fred.devries>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Forgive my ignorance ;-] , but.....what's a foxhunt?

Thanks

Fred

N8???

-----Original Message-----

From: waltk8cv@juno.com <waltk8cv@juno.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Monday, May 10, 1999 7:41 PM

Subject: 80M fox?

>

>How about a nice 80 meter summer fox hunt .....

>

>Walt K8CV Royal Oak, MI.

>

>

>-----  
>You don't need to buy Internet access to use free Internet e-mail.

>Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

>or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 10 May 1999 19:54:30 -0400

From: hamjoel@juno.com

To: qrp-1@lehigh.edu

Subject: [40121] RE: cw speed

Message-ID: <19990510.195644.-283195.0.hamjoel@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

On cw speed:

boy does this all sound familiar: anyhow... what I have observed in my  
ham activities is:

speed = macho                      moe speed = moe macho

ALSO

SPEED = MOE INFOR PASSED

MOE SPEED = MOE FUN

If one wants to chat with the fast boys and girls, then one needs to  
build up their speed cause it is UNCOMFORTABLE to slow down too much...

In contests... speed is king, especially at the beginning of the

contest.... so get on the edges of the contest and find stations going ur speed... or copy a station till u can get all the particulars and then call them at their speed...

in non-contest periods... listen and find a part of the band that goes at ur pace. If one works cw a lot then one will find themself getting comfortable with faster speeds and finds moe space on a given band where the cw is at one's comfort level...

my observation and experience is that moe time spent playing cw = moe comfort at faster speeds...

Unlike a job, this is a hobby, u don't hafta get better or worse at cw or theory or any other aspect of the hobby.... however, it's true, u will get better at whatever part of the hobby u do the most and most frequently.

So - if moe faster cw is what u want...my observation is... someone that gets on the air a lot with cw and or uses programs like supermorse to increase speed and accuracy gets betterer and moe faster...

I've also found it to be more funer when I could copy faster and easier ... I top out around 20wpm and while that's good for chewing the fat it an't that hot in any contest.... so if I want to contest, I kneaux what I gotta do to get my cw fasterer, 'cause nobody is gonna go slower in a contest if they don't heffen to...

I has also noticed, that a station sending good cw at most any speed usually gets moe contacts.... because good cw is easier to copy....

hope this halps

joel kella  
in maine

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

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Date: Mon, 10 May 1999 19:00:47 -0500  
From: Jay Freeman <jayFreem@direcpc.com>  
To: k6mgo@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40122] Re: 80M antennas  
Message-ID: <3737732E.748F2166@direcpc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Howdy,

william h ross wrote:

> Just got my June issue of Worldradio and there is a article of the  
> "Petlowany" antenna on pg. 50. This is a follow up article that appeared  
> in March 98 issue. For those who didn't see it, the Ant. uses a flat,  
> spiral, wound coil no more than 24 inches in diameter.

The antenna I used in my novice days (about 1980), was a helically wound vertical mounted outside my attic bedroom window, with a very poor aluminum ground wire running down to a 4 ft ground rod. I worked all over North America with that thing, using a Hallicrafters SR-160. Folks with limited space might want to give one a try. They're simple to build and will at least put some signal on the air. Take a 10 foot piece of 1.5 or 2 inch PVC pipe and wind a 1/2 wave of wire around it to make a big coil. You need some kind of top hat to keep it from glowing in the dark, I used a brass flagpole ball :), but a real capacitance hat would be better. The bigger the hat, the more 2:1 SWR bandwidth you get. I fed mine with 50 Ohm coax and used a tuner. I imagine constructing a decent ground system would really help, too. I can't remember what book I got this thing out of, sorry.

72 es 73,

Jay Freeman - WT9S

-----  
Date: Mon, 10 May 1999 19:04:21 -0500  
From: Wayne Alexander <walexan@ipa.net>  
To: jwodell@ameritech.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40123] Re: speed  
Message-ID: <4.1.19990510190249.0093a150@popd.ipa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Jerry,  
Code is not hard. It is all in there head that it is hard. Practice practice, that is what it takes and I have a long way to go. Enjoy it= everyday.

> I will entertain all whines about how hard code is privately.  
>  
>73 jerry w8gnd  
>

73,  
N=D8EA  
Wayne  
Willard,MO  
FISTS # 4907  
QRP-L # 1058  
Web Page <http://www.qsl.net/n0ea>

-----  
Date: Mon, 10 May 1999 20:25:55 -0400  
From: Tom Bowman <[tbowman@nbn.net](mailto:tbowman@nbn.net)>  
To: QRP-L@lehigh.edu  
Subject: [40124] SOLD:  
Message-ID: <3.0.5.32.19990510202555.00810a60@nbn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Thanks very much.

The audio filters are sold.

73,

Tom, WA3REY

-----  
<>< Tom Bowman, WA3REY, Mount Gretna, PA 17064

[tbowman@mt-gretna.com](mailto:tbowman@mt-gretna.com) QRP-L #125

<http://www.mt-gretna.com>

-----  
Date: Tue, 11 May 1999 00:34:52 +0100  
From: "Steve Sorrell" <[ap036@detroit.freenet.org](mailto:ap036@detroit.freenet.org)>  
To: <[waltk8cv@juno.com](mailto:waltk8cv@juno.com)>, "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [40125] Re: 80M fox?  
Message-ID: <00b001be9b3d\$b4b936e0\$c542b3c7@sorrells>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Yeah, but first, someone has to design and kit an 80 meter qrp rig, bummer.

de Steve, W8SFF

-----  
Date: Mon, 10 May 1999 17:39:27 -0700  
From: "Radman" <radman@best.com>  
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [40126] Re: Need Phone # (Antennas & More)  
Message-ID: <199905110037.RAA21300@proxy3.ba.best.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Doc,

Switchboard.com lists them as:

Antennas & More  
1038 S 350 E  
Provo, UT 84606-6152

Phone: (801)373-8426

GL es 72,

Conrad -- NN6CW

\*\*\*\*\*

Anyone know the current phone number for Antennas & More  
in Provo, UT? Must be that they changed their number.  
Sure hope they are able to be reached.

72, Doc Lindsey/K0EVZ

-----  
Date: Mon, 10 May 1999 20:03:05 -0500  
From: "Walter Dufrain" <walter@inlink.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [40127] Kites and Antennas  
Message-ID: <00a501be9b4a\$16441b80\$6b6ac4ce@nexar>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Hi QRP'rs,            those of you who are thinking of using  
kites as a skyhook, might want to visit the website of  
Adrian Hanna GI SMU.   Which is

<http://www.homepages.tesco.net/~adrian.hanna1/>

This is a quasi commercial site, but has some neat  
ideas for the kite skyhooks.   Several years ago he  
sparked my interest even more for the kites and it  
has been a fun accessory to the portable qrp station.  
I still use 5 foot wingspan Deltas because they will fly  
in a calm wind to a full gale.

Hope you enjoy,  
72 / 73   Walter Dufrain, AG5P            Wright City, Missouri

-----  
Date: Mon, 10 May 1999 21:08:36 -0400  
From: "George Goodroe" <goodroe@worldnet.att.net>  
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [40128] Bilal Isotron  
Message-ID: <000501be9b4a\$ceabbfc0\$c4ebfea9@ggoodroe>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thanks to all who gave their sage advice about Bilal Isotron antennas....

Most responded with polite suggestions try other antennas <grin>....

I LOVE THIS LIST !

73 de KF4CPJ  
George Goodroe, QRP-L #1943  
St. Petersburg, Florida USA  
80 Meter high noise capital of the USA <grin>  
<http://home.att.net/~goodroe>  
<http://www.qsl.net/kf4cpj>

-----  
Date: Mon, 10 May 1999 18:18:59 -0700  
From: Ron <rong@slip.net>  
To: QRP-L@lehigh.edu  
Subject: [40129] 386's for packet...any takers?  
Message-ID: <37378576.7548@slip.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Anyone interested in 386 computers for packet? 40mbyte HDs, 1.44  
floppys, 25 dollars each. Pickup only. San Francisco.

-----  
Date: Mon, 10 May 1999 21:39:30 -0400  
From: KM3D <bump-km3d@redrose.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [40130] How to stick transparency to front panel?  
Message-ID: <37378A52.91A7EF8B@redrose.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I like Dale's idea! Print on one sheet, affix a second over it with the text  
sandwiched inside, then mount it on the panel (??)

Harry, KM3D

-----  
dcscott@us.ibm.com wrote:

> Go to any office supply store and you'll find mylar sheets that already have an  
> adhesive backing. They are stuck to a piece of protective backing paper.  
> Dale C. Scott

-----  
Date: Mon, 10 May 1999 19:35:29 -0600  
From: Dick Schneider <rschneid@ix.netcom.com>  
To: QRP-L <qrp-l@Lehigh.EDU>, cqcllist <cqcllist@mtechnologies.com>



Subject: [40131] CQC Snowshoe Results (12-98)  
Message-ID: <37378961.1C82DABF@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Colorado QRP Club  
Great Colorado Snowshoe Run Results  
(Dec 1998)

Results include callsign, CQC #, QTH, Total Points,  
QSO Points, SPCs, CQC Members Worked. \*Indicates first  
Place in class. NOTE: W0CQC is not eligible to win.

#### WIRE ANTENNA CLASS

|        |     |      |        |     |    |    |
|--------|-----|------|--------|-----|----|----|
| *WE6W  |     | CA   | 21,420 | 102 | 15 | 14 |
| W3KC   |     | MD   | 8,064  | 96  | 7  | 12 |
| KI0II  | 192 | CO   | 3,744  | 52  | 9  | 8  |
| K5ZTY  | 178 | TX   | 3,570  | 85  | 14 | 3  |
| K6LS   | 471 | CO   | 2,940  | 60  | 7  | 7  |
| VE3ELA |     | ON   | 1,920  | 60  | 4  | 8  |
| KI7MN  | 274 | AZ   | 1,155  | 33  | 5  | 7  |
| WB0JNR | 7   | CO   | 630    | 30  | 7  | 3  |
| WA8GHZ |     | TX   | 490    | 35  | 7  | 2  |
| KF4KSM |     | FL   | 432    | 24  | 6  | 3  |
| K1QM   |     | MA   | 336    | 24  | 7  | 2  |
| KA8SYV |     | WV   | 180    | 15  | 4  | 3  |
| CO2HA  |     | CUBA | 180    | 30  | 6  | 1  |

#### VERTICAL ANTENNA CLASS

|        |     |    |        |    |    |    |
|--------|-----|----|--------|----|----|----|
| *AB0CD | 155 | CO | 11,826 | 73 | 9  | 18 |
| KQ5U   |     | TX | 5,460  | 70 | 13 | 6  |
| AK7Y   |     | AZ | 1,974  | 47 | 7  | 6  |
| W2XN   |     | FL | 820    | 41 | 10 | 2  |
| W0YSE  | 557 | UT | 592    | 37 | 8  | 2  |
| N0QT   | 345 | CO | 528    | 33 | 4  | 4  |

#### BEAM ANTENNA CLASS

|       |     |    |        |     |    |    |
|-------|-----|----|--------|-----|----|----|
| *KT5X | 225 | TX | 714    | 51  | 14 | 1  |
| W0CQC | 515 | CO | 26,910 | 138 | 15 | 13 |

(WJ1R Operator)

-----  
Date: Mon, 10 May 1999 21:43:57 -0400 (EDT)  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [40132] multiple-turn wire loop antennas  
Message-ID: <Pine.GS0.4.10.9905102130560.28038-100000@larry.cas.utk.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

For those who are confined to indoor or patio loop antennas, here are a couple of tips drawn from experiences that go way back into the late 1920s--no no my own experiences, but those of my father.

First, the closer the turns of a loop, the tighter the field and the greater the field cancellation from turn to turn. Hence, something quite open is called for--and that is where those single turn, low impedance, very narrow bandwidth loops come into play.

An alternative is to wind a planar coil using an X-frame. Of course, you can make a hexagon or octagon frame if you wish more support points and something closer to circular. Make the frame as large as the space you have will permit. Since you will not likely create a full  $1/2$  wl, expect to use a tuning circuit similar to those used with some of the commercial units. Wind the wire with good spacing between the flat turns. Whether you get max radiation off the edge or off the flat side of the coil may depend upon how much wire the frame holds, but some simple receiving tests will tell you the best orientation. Expect narrow band width and the need to retune every 10-20 kHz. Making a turntable or lazy-susan will facilitate turning the antenna for best effect. Since materials are inexpensive, you can try various planar coil configurations until you are satisfied that you have the best you can make.

Do not expect magic from such antennas, especially at lower HF. But you can make contracts with them. Still, if you can get an antenna out of doors, by all means do so.

-73-

LB, W4RNL

-----

Date: Mon, 10 May 1999 19:38:03 -0600  
 From: Dick Schneider <rschneid@ix.netcom.com>  
 To: QRP-L <qrp-l@Lehigh.EDU>, cqclist <cqclist@mtechnologies.com>  
 Subject: [40133] 1999 CQC Winter QSO Party Results (2-99)  
 Message-ID: <373789FB.9EFE0B82@ix.netcom.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit  
 Content-Transfer-Encoding: 7bit

1999 Colorado QRP Club  
 Winter QSO Party Results  
 (Feb 1999)

Results include callsign, CQC #, QTH, Total Points, QSO Points, SPCs,  
 names and WOCQC bonus. \* Indicates First Place in class.

#### MULTIBAND CLASS

|        |     |    |           |     |    |    |      |
|--------|-----|----|-----------|-----|----|----|------|
| *K0FRP | 32  | CO | 1,132,000 | 754 | 75 | 20 | 1000 |
| N1FN   | 154 | CO | 836,164   | 666 | 66 | 19 | 1000 |
| KU7Y   | 596 | NV | 656,044   | 676 | 51 | 19 | 1000 |
| KF7MD  | 31  | CO | 386,320   | 390 | 52 | 19 | 1000 |
| K4BAI  |     | GA | 210,672   | 418 | 28 | 18 |      |
| K07X   |     | UT | 209,800   | 290 | 45 | 16 | 1000 |
| W0CQC  | 155 | CO | 208,828   | 332 | 37 | 17 |      |
| AB0GO  | 595 | CO | 205,204   | 308 | 39 | 17 | 1000 |
| W4ED   | 118 | GA | 173,140   | 302 | 38 | 15 | 1000 |
| KI0II  | 192 | CO | 103,816   | 204 | 28 | 18 | 1000 |
| KC5T   |     | TX | 85,480    | 220 | 24 | 16 | 1000 |
| HP1AC  |     | HP | 81,600    | 204 | 25 | 16 |      |
| N0QT   | 345 | CO | 67,144    | 212 | 24 | 13 | 1000 |
| WB0JNR | 7   | CO | 60,488    | 176 | 26 | 13 | 1000 |
| WB0YPO | 547 | CO | 60,424    | 166 | 28 | 13 |      |
| WN6HYX |     | CA | 57,240    | 212 | 18 | 15 |      |
| K8CV   |     | MI | 41,624    | 172 | 22 | 11 |      |
| WA5WHN | 30  | NM | 33,640    | 136 | 16 | 15 | 1000 |
| KI7MN  | 274 | AZ | 31,420    | 130 | 18 | 13 | 1000 |
| KA10X  |     | CT | 31,304    | 172 | 14 | 13 |      |
| NQ7X   |     | AZ | 28,456    | 156 | 16 | 11 | 1000 |
| K1QM   |     | MA | 25,704    | 108 | 17 | 14 |      |
| AA0B   | 517 | MO | 22,504    | 128 | 14 | 12 | 1000 |
| K4JSI  |     | MD | 19,822    | 106 | 17 | 11 |      |
| N05W   |     | TX | 16,588    | 116 | 13 | 11 |      |
| KE5TC  | 482 | OK | 5,456     | 62  | 8  | 11 |      |
| KI0KY  | 435 | CO | 4,480     | 64  | 10 | 7  |      |
| K7TQ   | 551 | ID | 2,520     | 56  | 9  | 5  |      |
| KB0ZTN | 431 | CO | 640       | 32  | 5  | 4  |      |

# SINGLE BAND CLASS

|        |     |    |         |     |    |    |      |
|--------|-----|----|---------|-----|----|----|------|
| *N4FNG | 20  | FL | 278,460 | 442 | 35 | 18 |      |
| AB7TT  |     | AZ | 108,744 | 296 | 26 | 14 | 1000 |
| N0ROA  |     | VA | 60,416  | 236 | 16 | 16 |      |
| N0BF   | 18  | CO | 18,420  | 134 | 10 | 13 | 1000 |
| KF4KSM |     | FL | 9,460   | 86  | 10 | 11 |      |
| N7QHC  |     | WA | 4,704   | 42  | 8  | 14 |      |
| KK5NA  | 475 | TX | 952     | 34  | 4  | 7  |      |
| KI0ND  |     | CO | 588     | 14  | 7  | 6  |      |
| W3MWY  |     | MD | 300     | 20  | 5  | 3  |      |

# HOME BREW CLASS

|        |     |    |         |     |    |    |      |
|--------|-----|----|---------|-----|----|----|------|
| *K5ZTY | 178 | TX | 454,480 | 520 | 46 | 19 |      |
| WA8RXI |     | MI | 267,910 | 434 | 41 | 15 | 1000 |
| KB9BVN |     | IN | 30,324  | 114 | 19 | 14 |      |
| AB5WX  |     | TX | 20,800  | 110 | 15 | 12 | 1000 |
| KS4L   | 269 | AL | 18,700  | 100 | 11 | 17 |      |
| W8SFF  |     | MI | 18,096  | 116 | 12 | 13 |      |
| VE3FAO |     | ON | 4,456   | 64  | 6  | 9  | 1000 |
| KQ0I   |     | IA | 1,680   | 40  | 7  | 6  |      |
| KB0YTK | 432 | CO | 1,096   | 16  | 2  | 3  | 1000 |

-----

Date: Mon, 10 May 1999 19:16:57 CDT  
 From: James R Giammanco <n5ib@juno.com>  
 To: qrp-l@lehigh.edu  
 Subject: [40134] Collins directional couplers ...swap for ??  
 Message-ID: <19990510.193026.9607.0.N5IB@juno.com>

I have two Collins directional couplers, model #543-8118-004. These are the in-line sensing elements for the Collins wattmeter. They are circa 1960, but never used (I could never afford Collins in my grad student days ....) The silver plating on the type-N connectors is pretty tarnished, but they are otherwise fine. Still have the Collins "Tested OK" tags on them.

They are HxWxD about 2.5 x 4 x 2 inches. Four feed-thru caps at one end bring out fwd and rev voltages at two power levels (QRO, I'm sure, but a one stage transistor amp could handle that). Two piston caps are accessible thru the case for balance.

I found them while rummaging thru my long-forgotten box of air variables looking for something to build an ATU. Offered to the gang for swap ....

for some other homebrewing goodies ... make me an offer.

72, Jim N5IB  
n5ib@juno.com

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 10 May 1999 20:57:03 -0400  
From: "Al Gritzmacher" <ae2t@arrl.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [40135] Re: No wonder I haven't worked any CW DX  
Message-ID: <004801be9b51\$66f8f300\$c4c3fbcf@family>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bruce VE5RC added to the thread...

>Hello Tom...speed's ok and I hope some day to improve my copying ability  
>to 25 wpm but IMHO I thought the main idea was to communicate, not run a  
>race. :-)

|          |            |           |                 |          |         |          |
|----------|------------|-----------|-----------------|----------|---------|----------|
| Try...   | holding... | a...      | conversation... | while... | you...  |          |
| pause... | for...     | a...      | second...       | or...    | two...  | after... |
| each...  | word...    | and...    | you...          | will...  | get...  |          |
| an...    | idea...    | what...   | it...           | is...    | like... | to...    |
| work...  | slow...    | CW...     | when...         | you...   | are...  | used...  |
| to...    | a...       | higher... | speed.          |          |         |          |

I think that gives you the picture. It's not an excuse for not slowing down when asked, but that's why most proficient CW ops prefer to use a higher speed. Once you get up there, I'm sure you will agree.

25 wpm is just beginning to get comfortable for conversation.

72,

Al AE2T

-----  
Date: Mon, 10 May 1999 20:38:21 -0400  
From: "Al Gritzmacher" <ae2t@arrl.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [40136] Re: How to stick transparency to front panel?  
Message-ID: <004701be9b51\$660f7d60\$c4c3fbcf@family>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>If I make a front panel label for a rig with the "overhead  
>transparency/laser printer" method, what do I use to stick the  
>transparency material to the front panel? Tape will show,  
>using the control nuts only holds the transparency in a  
>couple of places. What I'm looking for is a transparent  
>sticky material that will hold the entire surface of the  
>transparency to the front panel.  
>  
>Anyone know of a clear, non-yellowing spray adhesive?  
>  
>Peter, KA1AXY

A spray adhesive has been mentioned in the past, but I have not used that approach.

What I have used and seems to work really well is an approach I picked up from another QRP'er's web page. I'd like to give credit for the idea, but honestly, I've forgotten who it was.

Instead of using an adhesive, print your panel design on a self-adhesive label. Avery and other companies make all sizes up to and including full 8X11" sheets. The same companies make clear adhesive sheets, which are used to protect and seal the artwork on the label stock. The clear material can be placed over the white label and trimmed first, then the whole sandwich applied to the front panel of a rig.

With color printers and a wealth of graphics programs available, the artwork for your projects is only limited by your imagination!

72,

Al Gritzmacher, AE2T

-----  
Date: Mon, 10 May 1999 19:30:11 CDT  
From: James R Giammanco <n5ib@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [40137] 38 Special quirk  
Message-ID: <19990510.193026.9607.1.N5IB@juno.com>

Had some instability problems with my 38S when operating on the patio right under the inverted vee about 15 ft above. Finally decided rf was getting in the box (copper foil lined wood case). and some bypassing needed.

Bypassed power input, key, and headset lines with .022 uF. When I bypassed the headset line (I had jumpered the 47 ohm resistor for more audio) the rig went into steady sidetone. I was too startled to even notice if it was actually keyed, or just sidetone. Removed the bypass (checked it with LCR - OK) from the headset and all was copacetic. Left the bypass on the key and power lines and that seemed to cure the rf-in-the-box trouble. One good QSO with a K4 in GA to check it out. Will experiment with other bypass values later...

Any thoughts why ?? ..... I still want to rf-proof the headset line ... maybe a small choke??

72  
Jim N5IB

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 10 May 1999 19:04:37 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [40138] Re: A Good Weekend - WAS at 1,000 miles per watt  
Message-ID: <19990511020437.19541.rocketmail@web705.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Good job Larry!

Congratulations on mW WAS. I'm still working on my mW

WAS here. Pretty far behind you I have to admit.

I "wimped out" in QRPTTF and ran 4 watts. I didnt hear any states that I needed or I would have reduced my power in spite of being in my field.

Running milliwatts is just about the most fun I've had since becoming a ham. I know you must have had a blast getting all states with QRPp.

I hope more of our fellow hams will catch the mW bug and join the fun!

BTW, what was your total watts "spent" getting the 50?

I will have my mW WAS sooner or later, and when I do, I hope to have spent less power than you my friend!

So, maybe you will except this challenge and reduce your score further? :-)

Do you think you can go back and re-contact some of the states you used "too much power" on? :-)

Now that I have challenged you, I may have a BIG fight on my hands!!! Hi!

Jim KJ5TF

-----  
Do You Yahoo!?

Free instant messaging and more at <http://messenger.yahoo.com>

-----  
Date: Mon, 10 May 1999 21:41:52 -0500  
From: "Walter Dufrain" <walter@inlink.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [40139] Correct URL for Kites & Antennas  
Message-ID: <001201be9b57\$d71fd440\$7d6ac4ce@nexar>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Sorry for the confusion, but please try this URL instead of the previous posting. (it does Not need the www to connect)



<http://homepages.tesco.net/~adrian.hanna1/>

This is Adrian's correct call,      GI0SMU

Thanks to all for pointing out my mistake.

72      Walter Dufrain, AG5P

-----  
Date: Mon, 10 May 1999 22:42:55 EDT  
From: Wa2eaw@aol.com  
To: walter@inlink.com  
Cc: qrp-1@lehigh.edu  
Subject: [40140] Re: Kites and Antennas  
Message-ID: <4e625c58.2468f32f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Walter;

Read your post re: kites and antennas. I have been into kites for many years. My favorite is a soft parafoil. I feel that when ever kites are used to loft an antenna the importance of GROUNDING THE ANTENNA MUST BE STRONGLY EMPHASIZED.

Thought must be given to power lines, local air port and flight paths etc. Just felt I had to repeat the warnings. The static build up on an antenna can be highly destructive to the gear and could be lethal to the operator. Sorry to rain on anyones parade.

72/73 de WA2EAW;Bob

-----  
Date: Mon, 10 May 1999 20:54:42 -0600  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
To: qrp-1@Lehigh.EDU  
Subject: [40141] Re:CW speed and DXing  
Message-ID: <1.5.4.16.19990510203202.1a87a6f2@cadvision.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Hi gang,

Here is a trick I learned many moons ago; Listen to the station you are interested in and after a few rounds you can pick out his call, his name and QTH when he is working others. This is all repeated over many times=20 to all the stations he is working and when you got it all down write what you are going to send, basically what all the others did, and then with the confidence of a seasoned DX-er give him a call at his speed ( we can usually send way faster than we can receive). The contact will be over=20 before you know it and others will be impressed at your blinding speed.

Now if he sends something you don=B4t get, resort to the doomsday Q-codes= such as QRM, QRN, QSB followed by a QRT and then quickly reach for the power= button.

72/73 es have fun

de Niels  
VE6NJK/TF3NJ

-----  
Date: Tue, 11 May 1999 02:58:55 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: qrp-l@lehigh.edu  
Subject: [40142] 80M Activity  
Message-ID: <373a9c5e.196781354@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Might I suggest that a frequency in the bottom 150kHz of 80 be used for = any operating activity? Those of us with Sierras might like to participate, = but I don't think I can get above 3648 ...

Two frequencies (one in the Novice band) might be in order as well.

--  
72 es 73 de Marty, KM7W

-----  
Memphis, Tennessee

=

<http://home.earthlink.net/~mwattcpa>

VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid = EM55ce

CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a = Vengeance"

Member -- Tennessee Contest Group

-----  
Date: Tue, 11 May 1999 02:59:25 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [40143] Re: speed  
Message-ID: <37386231.181885668@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

On Mon, 10 May 1999 14:27:07 -0400, "Jerry W. O'Dell" =  
<jwodell@ameritech.net>  
wrote:

> Personally, I adjust my speed to that of the receiver, but in a=20  
>contest, you just can't. You'll lose too many points.  
>  
> I will entertain all whines about how hard code is privately.

Not a whine ... a strategy point!

I think testers perhaps miss the boat based on "conventional wisdom", particularly in the "losing points" category.

Here's my logic. Feel free to point out errors or irregularities.

200Qs per hour seems like the very tip top of contest rates. That's a Q = every 20 seconds. Each Q consists (approximately) of 12-15 words of 5 = characters each word. That translates to a consistent speed of 36-45 wpm.

But, I don't know of anyone (realistically) that can boast a single = person 200Q per hour rate in a contest. More than likely, 120 Qs per minute is = the better target. At that rate, using the same 12-15 words per QSO, we = arrive at a consistent speed of 24-30wpm.

So, one might assume that the "standard" contest operating speed is =  
around  
this rate.

What happens when the rate falls off? What if you are operating an =  
"average"  
contest hour of 60Q's? At 30wpm, 60Qs per hour results in QSOs that =  
take, on  
average, 30 seconds. So, you are spending 30 seconds in QSO, and 30 =  
seconds  
NOT in QSO.

If we drop down to, say, 15 wpm ... each QSO takes a a minute. So one =  
gets  
the same rate as the higher speed.

I (humbly) suggest that when the rate drops below 60Q's per hour, slowing=  
down  
costs NOTHING in points, and might pick up another 10-15% in raw QSOs =  
from the  
"slower ops" that you normally miss. If I slow down and pick up 10-15% =  
more  
raw Qs, I have gained that at NO COST in rate!

At least, that is my logic, and a big piece of my strategy. When the =  
rate is  
below 60/hour, I operate below 20 wpm. Over 60/hour I do speed up -- in  
between doing the happy dance!

=46or the reasons outlined above, my contest philosophy is to slow down =  
before  
changing bands based on rates.

--

72 es 73 de Marty, KM7W

-----=  
-----  
Memphis, Tennessee =

<http://home.earthlink.net/~mwattcpa>

VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =  
EM55ce

CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =  
Vengeance"

Member -- Tennessee Contest Group

-----

Date: Tue, 11 May 1999 03:14:25 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: qrp-1@lehigh.edu  
Subject: [40144] Re: speed  
Message-ID: <373ca077.197830822@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

On Tue, 11 May 1999 02:59:25 GMT, mwattcpa@earthlink.net (Marty Watt) =  
wrote:

>But, I don't know of anyone (realistically) that can boast a single =  
person  
>200Q per hour rate in a contest. More than likely, 120 Qs per minute is=  
the

120 Qs per minute would be a record of some sort. Should be 120 Qs per =  
hour.

Sorry for the error.

Marty

-----  
Date: Tue, 11 May 1999 00:37:46 GMT  
From: waltk8cv@juno.com  
To: qrp-1@lehigh.edu  
Subject: [40145] 80 meters .....  
Message-ID: <19990511.024048.-4007877.4.waltk8cv@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ho Ho Ho , just made a qso with VE3SP in Hamilton, Ont. under ROTTEN  
conditions but it can be done through all the TCI and QSB and QRN  
..... ;-)

No spring bouquet for 5 milla watts or 8000 miles a watt though!

80 meters lives .....:-)

Walt K8CV Royal Oak, MI.

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 10 May 1999 23:50:37 -0400  
From: "Richard Brummer" <obvious@bestweb.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [40146] Re: 80M CW  
Message-ID: <00e101be9b61\$6f391ee0\$2a05b3d8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,

When last I looked (about 5 minutes ago), the NJ QRP Club had the following  
calling frequencies listed for 80 meters:

|        |      |
|--------|------|
| CW     | 3560 |
| SSB    | 3985 |
| Novice | 3710 |

72/73,  
Dick K2REB

-----  
Date: Tue, 20 Apr 1999 11:26:18 -0500  
From: "Charles Hamel" <cdhamel@pdq.net>  
To: "QRP List" <qrp-l@Lehigh.EDU>  
Subject: [40147] 1st contact  
Message-ID: <004401be8b4a\$86ea5ee0\$c14058d8@cdhamel>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Looking for my first QRP contact!!  
I will be hanging around 7.110-7.130

Thanks

Charles (KC5DXQ)

-----  
Date: Mon, 10 May 1999 21:35:01 -0700 (PDT)  
From: Ron Stark <ku7y@dri.edu>  
To: Marty Watt <mwattcpa@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40148] Re: speed  
Message-ID: <Pine.SOL.3.96.990510212505.23641E-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Marty,

You make some good points.

Rates in the last NAQP were good....Tom, K5RC who lives just up from me, wound up with over 1000 QSOs in that 10 hour contest. That's holding a average rate of just over 100/hr which I think is very good.

By contrast, I only had 700 Q's for a 70/hr rate overall.

What I tend to do is move up in freq as things slow down. Most often I can only hold a run freq up high anyway so moving isn't always needed.

Then I vary my speed from about 18 wpm to 30ish wpm. This has worked well at times. Late in a contest there will often be people who are not really "in" the contest take the time to give you a contact.

Some day I'm going to make some notes..... I have heard many of the top scoring stations move up high in the band and CQ at 15wpm. But I seldom if ever hear that next level of stations. They spend a lot of time calling CQ with few takers.

But we are all going for rate when it's there and that does mean to work as fast as you can. A bit of making hey while the sun shines!

For the band changes, I'm usually listing on the second

radio to see what's going on with the other bands. If they all sound rather dead I tend to go to my most competitive band, 40m.

When things get real slow, I'll call CQ back and forth on two bands!

Hope to see you all in the WPX at the end of the month. Don't forget that USA to USA QSOs will count one point this year! :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Mon, 10 May 1999 23:28:04 -0500  
From: "John Burnley" <burnley-ia@worldnet.att.net>  
To: <qrp-l@lehigh.edu>  
Subject: [40149] Thanks for new QRP book info  
Message-ID: <19990511043731.KANQ10408@burnley-ppp>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my query about the new book. As it turns out the book is authored by list member Rich Arland K7SZ. As I pointed out it will be available at Dayton! Thanks again for the info.

72, John NU0V

-----

Date: Tue, 11 May 1999 00:45:09 -0400  
From: Mike Czuhajewski <wa8mcq@erols.com>  
To: QRP forum <qrp-l@lehigh.edu>  
Subject: [40150] QRP Quarterly on the streets soon  
Message-ID: <3737B5D5.5CE1@erols.com>  
MIME-Version: 1.0



Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Yes, this is May, and yes, the April issue of the QRP Quarterly is running late, but several of us have received our advance copies already, so the subscription copies should be on the streets shortly. And it's another monster of about 90 pages. George Heron, N2APB, did another outstanding job :-)

--

73 and Queue Our Pea de WA8MCQ      wa8mcq@erols.com

-----

Date: Mon, 10 May 1999 23:46:49 -0500  
From: "John Burnley" <burnley-ia@worldnet.att.net>  
To: <qrp-l@lehigh.edu>, <IaQRP-L@divis17.ped-gen.uiowa.edu>  
Subject: [40151] KI0AF 15 Meter SST and REGEN Pictures  
Message-ID: <19990511045309.BXB24734@burnley-ppp>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I promised to post when additional pictures would be available at the IAQRP FTP site on Mike's (KI0AF) wonderful construction job on his 15 meter SST and REGEN. The pictures are available at:

<ftp://divis17.ped-gen.uiowa.edu/pub/iaqrp-l/ki0af/>

A big thanks to Adam (AK0P) for converting the pictures to jpg format and loading them to the FTP site. Here are instructions (provided by Adam) on how to access the pictures.

Web Browser Method:

go to URL      <ftp://divis17.ped-gen.uiowa.edu/pub/iaqrp-l/ki0af/>

The files will then be listed.

If you click on a file, your browser may (or may not!) ask you if you want to save to disk or open it. You should save the file to your disk (REMEMBER WHERE YOU PUT IT!). If your browser tries to open it and it shows gibberish, go BACK, and right-click (click and hold for you Mac hold-outs), and pick Save link as . . . .

=====  
Command Line (or graphical) FTP Method:

to pick up the file, ftp to:

divis17.ped-gen.uiowa.edu

log in using the username 'anonymous' (don't type the quote marks).

and then change directory to the pub/iaqrp-l directory by typing:

cd pub/iaqrp-l (or click the pub directory, then the iaqrp-l dir)

make sure you are set in binary mode, and then get the file:

72/73, John NU0V

-----  
Date: Mon, 10 May 1999 22:10:32 -0700  
From: Thomas Upton <stjohn@ocsnet.net>  
To: qrp-l@lehigh.edu  
Subject: [40152] 80 meters  
Message-ID: <3737BBC7.5C33CD1E@ocsnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Guys and Gals,

It was 75-80 meters that got me started in Ham Radio. One summer day in 1951, I was listening to three sets of hams (and their wives), yakking round robin 400-600 miles south of me in Minnesota. Completely charmed me.

I'll try to slap something together for 80.

Tom AD6N Porterville CA 36 at 119

-----  
Date: Tue, 11 May 1999 07:42:41 +0200  
From: "Jacques Brenkman" <jbrenkma@office.casema.nl>

To: qrp-1@Lehigh.EDU  
Subject: [40153] No wonder I haven't worked any CW DX  
Message-ID: <3.0.5.32.19990511074241.00d7c6f0@casema.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Todd,

Peter has completely right.

I have the same experience, then look for an other st who will make a QSO with you at lower speed!!

Succes.

73, Jacques PA3EVZ

-----  
Date: Tue, 11 May 1999 00:16:38 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: Mike Czuhajewski <wa8mcq@erols.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40154] Re: QRP Quarterly on the streets soon  
Message-ID: <Pine.SUN.4.10.9905110011030.24334-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 11 May 1999, Mike Czuhajewski wrote:

> Yes, this is May, and yes, the April issue of the QRP Quarterly is  
> running late,

Seems QRP journals are just running late so far this year, but they are all worth the wait. The bigger and better they are, the more work they take.

I think it's a Y2K thing. :-)

72, Paul NA5N

-----  
Date: Mon, 10 May 1999 11:20:24 +0200

From: "Peter Zenker" <Peter\_DL2FI@csi.com>  
To: <w7ls@blarg.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>  
Subject: [40155] AW: 80M CW  
Message-ID: <003501be9ac7\$899eaec0\$37659fc1@zenkerpn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

No chance to work European CW QRPers at 3686. In our region bandplan this is SSB region and actually it is the meeting point of some Russian and German SSB high power groups. (yes, the QROers have a meeting frequency as well)

European CW point of activity is 3560 +-,  
UPPER END of European CW region is 3570, followed by rtty/Amtor/Pactor/PSK area up to 3560 and then SSB.  
The bandplan says CW is allowed to use the band up to 3800, but no one does.

BTW there is a QRP beacon at 3600,0 OK0EN running 100 mW into a dipol. The OPs QSL any report.

72 de Peter, DL2FI

> -----Urspr ngliche Nachricht-----  
> Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]Im Auftrag  
> von Jim  
> Gesendet am: Dienstag, 11. Mai 1999 00:18  
> An: Low Power Amateur Radio Discussion  
> Betreff: Re: 80M CW  
>  
> I vote for 3686 KHz as the 80 meter calling freq, as crystals  
> are only a buck  
> or so, available lots of places, and they are in the novice  
> band, which allows  
> almost every ham to join in.  
>  
> Jim W7LS  
>  
>  
>  
>

-----

Date: Tue, 11 May 1999 04:23:00 EDT  
From: PUNISHER3@aol.com  
To: qrp-1@lehigh.edu  
Subject: [40156] interesting finding while qrp dxing  
Message-ID: <938ddf6d.246942e4@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello All,

I just did the finishing touches to my tentec 20 qrp kit...YESSSS!  
Anyway, I just got off 20m a few minutes ago (12:30AM Pacific), and boy, is the band excellent. I was experimenting with adding "/qrp" after my call. Something interesting that i found, was that for a few people, as soon as they find out I'm qrp, somehow i ""disappear"" and they can't cpy me any more. So I have been playing around with adding "/qrp" after my call. It seems that people kind of stereotype us qrp guys, but I guess it Really depends on who you are talking to. If someone heard my call with a "/qrp" after it, and they didn't answer me because I was low pwr, I guess that would be alright because I wouldn't really want to talk to them anyway if they thing that. On the other hand, a few people that I talk to are just AMAZED and ASTOUNDED that they can hear a signal from the other side of the world that is only puting out abt 2 watts. This happened to me tonight, and I too was very amazed at this contact. A guy from England was calling CQ and I had a nice cpy on him (569) so I said, what the heck, and gave him a call. I guess he heard me because he said "?" so I sent my call a few times and he finally got it....the 5th time. hehe After a while of the normal exchanges (i was 459), i said that I was running 2 watts. He couldn't believe it! He had me repeat my power 3 times, even though I know he copied it the first time! After having a nice conversation that didn't seem like much, I just took a step back and admired what I did with this little black box. Ahhh, qrp at its best hehe

(oops. sorta got off the subject) Anyway, as I was saying before, I think there are times that are good to use "/qrp" after your call and times when you shouldn't, but sometimes its hard to decide. Like in a pileup, I would, because usually after everybody finishes with their callsign, I would still be sending /qrp and he would probably hear that and ask for the qrp station. hmmm

Well, I'm sorry if I'm rambling...its late over here but I just got off the radio and was trying out this "/qrp" thing. So anyway, thanks for listening and have a nice day :)

73 es gud qrp dx to all  
Ben  
NW7DX..... /QRP

-----  
Date: Tue, 11 May 1999 04:53:18 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <PUNISHER3@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [40157] RE: interesting finding while qrp dxing  
Message-ID: <000501be9b8b\$b713f350\$01010101@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Ben... as you have found, the most fun is to wait until they have sent the 579 - 599, and THEN tell them about the 5W!!! There's even a few who suddenly get a case of QSB or QRN, and have to go. If QRP is the disease some people act like it is, I'm only to glad to have a permanent case of it!

72 / 73 Ed N4XY

-----  
Ed Tanton N4XY EMAIL: n4xy@arrl.net  
189 Pioneer Trail  
Marietta, GA 30068-3466 TEL: (770)579-3933

-----  
INTERESTS: \*CW (99.5%) \*QRP (QRP-L# 758)  
\*BoatAnchors \*Test Equipment \*Photography

~~~~~  
Time flies like an arrow. Fruit flies like a banana.  
... Groucho Marx  
~~~~~

-----  
Date: Tue, 11 May 1999 06:31:51 -0400  
From: "Jerry W. O'Dell" <jwodell@ameritech.net>  
To: mwattcpa@earthlink.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [40158] Re: speed  
Message-ID: <19990511103621.DKSS9432@default>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 02:59 AM 5/11/99 +0000, Marty Watt wrote:  
>On Mon, 10 May 1999 14:27:07 -0400, "Jerry W. O'Dell" <jwodell@ameritech.net>  
>wrote:

Marty, it's a lovely thought, but they aren't going to change. Contesters

have been going 25 wpm for the 48 years I've been around (I hate contests), and will continue to do so -- that's just reality. You can't go faster, or people won't talk to you.

It would be nice if people were considerate, but not many are.

73 jerry w8gnd

-----  
Date: Tue, 11 May 1999 06:35:13 -0400  
From: "Jerry W. O'Dell" <jwodell@ameritech.net>  
To: qrp-l@lehigh.edu  
Subject: [40159] 80 meters  
Message-ID: <19990511103942.DKTQ9432@default>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

One final note before Dayton:

EVERYONE IS TALKING ABOUT 80 METERS, AND  
NO ONE IS DOWN THERE.

Howzabout getting out the old brass object and sending  
a bit. Works wonders in rejuvenating a band!

You see you turn the bandswitch to 80, hook up an  
antenna, and transmit "CQ CQ...." Nothing to it.

73 jerry w8gnd  
(80 is a wonderful band for daytime local contacts, by the way)

-----  
Date: Tue, 11 May 1999 11:33:40 +0100  
From: "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>  
To: <rong@slip.net>  
Cc: "QRP List" <qrp-l@lehigh.edu>  
Subject: [40160] Re: 386's for packet...any takers?  
Message-ID: <00e101be9b9c\$520ade40\$3cbd883e@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi gangue,

You can download ARACHNE for DOS for free, this will work OK as a fully featured HTML 4.0 Browser supporting frames, tables, images and even Javascript in DOS!

Not blindingly fast, but it does give a useful backup to your all singing dancing bells and whistles IE4 and the likes.

Go to ARACHNE on any big search engine or try Caldera for a slightly different version called WebSpyder. IMHO, Arachne is the original and best. And - - -this is qrp computing! all this on less than 1.44M floppy?

Regards

Mel  
GM6JAG Edinburgh Scotland UK  
Home of the last HW9

British Caravanners Club Scotland Website up-dating daily

<http://www.bccscotland.freemove.co.uk>

Over 20 local pages, and linked to over 4500 pages worldwide

-----Original Message-----

From: Ron <rong@slip.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Tuesday, May 11, 1999 2:49 AM  
Subject: 386's for packet...any takers?

>Anyone interested in 386 computers for packet? 40mbyte HDs, 1.44  
>floppys, 25 dollars each. Pickup only. San Francisco.  
>

-----

Date: Tue, 11 May 1999 05:33:44 -0500  
From: "C. M. Tyler" <k5gq@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [40161] Using Juno and getting Spam  
Message-ID: <19990511.054159.-179771.1.k5gq@juno.com>  
MIME-Version: 1.0



Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I did not know the President of Juno is so concerned about SPAM e-mail he is investigating.  
Please forward your Juno Spam to him.

FYI

Mark K5GQ/m  
Code Warrior 39  
qrpl-L 794

----- Forwarded message -----  
From: president@juno.com  
To: k5gq@juno.com  
Date: Tue, 11 May 1999 11:52:19 +0530 (IST)  
Subject: Re: Spam  
Message-ID: <199905110622.LAAAA08266@cs2.hyd.office.juno.com>  
References: <19990509.152301.-186629.16.k5gq@juno.com>

Dear Juno member,

Thank you for contacting us. The Juno Service Agreement strictly prohibits the use of Juno accounts to send, or receive replies from, unsolicited commercial e-mail (spam).

So that we may fully investigate this case and take appropriate action, please send the unsolicited message you received, along with its full headers to postmaster@juno.com. Most likely, this will involve making a minor alteration to your mail program setup.

Most mail programs have an option to specify 'show all headers' or 'turn on mail headers.' Headers contain important information, and are transmitted with each e-mail message, but are not always visible.

If you are using Juno, enable headers by selecting 'Show mail headers' from the Options menu. Then, using the cursor, select the text of the header section. Once you are certain that all of the header information is highlighted, copy the text using the 'Copy' command from the Edit menu.

Now, click the 'Forward' button, and address the new message to postmaster@juno.com. Finally, paste the headers into your message by positioning your cursor at the beginning of the message text and selecting

'Paste' from the Edit menu.

By changing this option and then re-sending the offensive message with full headers, you will enable us to take appropriate action.

Thanks for helping us to combat e-mail abuse.

Best regards,

Dianne Johnston

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Tue, 11 May 1999 08:13:37 -0400  
From: Peter\_Simpson@ne.3com.com  
To: qrp-1@lehigh.edu  
Subject: [40162] Sticking transparencies to front panel  
Message-ID: <8525676E.0042C9D5.00@usboxmta.ne.3com.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Well, the votes are in. First place goes to buying sticky-back transparent label material and printing on the front, then clear-coating. This has the advantage that the "stick" is already there, all you have to do, is peel.

The two contenders for clear, sticky spray are Elmer's Spray Adhesive and 3M Artist Mount. Elmer's sounds like it's worth a try, because Neil, from AADE, has a photo of a project he did using this method on his web site (thanks, Neil...when can I get one of those? :-)

Thanks for all the suggestions, and now, I'll go make some front panels and post some photos of them.

72,  
Peter, KA1AXY

-----  
Date: Tue, 11 May 1999 08:25:26 -0400  
From: Peter\_Simpson@ne.3com.com  
To: qrp-1@lehigh.edu  
Subject: [40163] LED night light?  
Message-ID: <8525676E.00432DC5.00@usboxmta.ne.3com.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Has anyone else had the problem of not being able to see what you're doing while QRP-ing at the campsite? I've built a couple of LED lamps, by chaining several LEDs in series and using a small dropping resistor to allow operation on 13 volts. You can run 5 or 6 LEDs in series (figure 1.8 Vf each for standard red ones). They don't burn out, red saves your night vision, and the resulting light is very small and light.

They look like small desk lamps. I use a loop of 20 ga bus wire as a support and ground lead, with a smaller, insulated stranded wire for the + lead. A hefty alligator clip connects to the ground terminal of the battery, and the + lead is on a smaller, insulated alligator clip. You could build the whole thing onto a cigarette lighter plug as well, for use in the car. You reposition the lamp by bending the bus wire. Heat shrink over the two wires makes it look professional.

One of my lamps uses an HP diffused array and the other uses 7 water-clear red discretes. I'm up against the 13.8 limit here, with only a 50 ohm series resistor, but I'll be using this with my K2 supply.

I'm thinking of using some black plastic spray-can caps as glare shields.

Photos on my web page when I get around to taking them.

72,  
Peter, KA1AXY

-----  
Date: Tue, 11 May 1999 06:10:42 -0700  
From: "Radman" <radman@best.com>  
To: <Peter\_Simpson@ne.3com.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40164] Re: LED night light?  
Message-ID: <199905111308.GAA16335@proxy3.ba.best.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Peter,

Great idea -- using red LEDs to save night vision. Along those lines, you might also want to check-out Mag Instrument's offerings in colored lenses for their popular flashlights. They have Red, Amber and Blue lenses for many of their models. Check out URL:  
<http://www.gisurplus.com/maglights/index.html>

I've homebrewed a red lens for Mag's little AAA light. Great for running stealth mode with the K2!

72,

Conrad - NN6CW

\*\*\*\*\*

Has anyone else had the problem of not being able to see what you're doing while QRP-ing at the campsite? I've built a couple of LED lamps, by chaining several LEDs in series and using a small dropping resistor to allow operation on 13 volts. They don't burn out, red saves your night vision, and the resulting light is very small and light.

///snip///

72,  
Peter, KA1AXY

-----

Date: Tue, 11 May 1999 09:20:38 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-l@lehigh.edu  
Subject: [40165] Re: CW Speed, mistakes.  
Message-ID: <37382EA6.A754DCFB@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> Why would sending slower compensate for stroke induced ataxia? Zack W1VT

-----  
Date: Tue, 11 May 1999 09:52:57 -0400  
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>  
To: qrp-l@lehigh.edu  
Subject: [40166] More 2N2/40 Pictures  
Message-ID: <3.0.1.32.19990511095257.00747f08@mail49.cwix.com>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"

Gang....I've added several more pictures of the second 2N2/40 that was built for the Winter QRPp Article to my web site. They can be seen at: <http://members.tripod.com/k8iqy/> listed as "The latest pictures are here."

I'll have this rig with me at Dayton, for those who are interested, along with the prototype that I built last year for the 2N2222 contest.

I'm also taking along my latest creation, what I call the 2N2/6. It is a 40 meter to 6 meter CW transverter, using 2N2222 transistors, (and one 2N2907 for keying). It provides 2 watts output on 6 meters, from 2 watts of drive from the 2N2/40, or any other 40 meter rig. It of course receives on 6 meters too. It uses solid state T/R switching, so there are no noisy relays while you're sending. Receive sensitivity is about -126 dBm, and all spectral products are less than -50 dBc on transmit, based on measurements I've made so far.

72 and kind regards to all; hope to see you at Dayton.

Jim, K8IQY

-----  
Date: Tue, 11 May 1999 08:03:05 -0600  
From: "Mike Newbold" <newbold@cmn.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [40167] LED night light  
Message-ID: <199905111402.IAA11859@cmn.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Great idea: tying LED's in series to make a 12 volt light.

My son(KC0CTJ) has drilled out the chrome reflector of a AA mag lite and installed a red LED successfully. He gets the LED's from All Electronics, the ultra bright ones.

Who makes a portable,12v fluorescent that doesn't give off alot of RFI ?

Mike  
K0Y0

-----  
Date: Tue, 11 May 1999 09:05:44 -0500  
From: Dave Sjolín <sjolin@swbell.net>  
To: PUNISHER3@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40168] Re: interesting finding while qrp dxing  
Message-ID: <37383938.5B8061B8@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

PUNISHER3@aol.com wrote:

> (oops. sorta got off the subject) Anyway, as I was saying before, I  
> think there are times that are good to use "/qrp" after your call and times  
> when you shouldn't, but sometimes its hard to decide. Like in a pileup, I  
> would, because usually after everybody finishes with their callsign, I would  
> still be sending /qrp and he would probably hear that and ask for the qrp  
> station. hmmm

Be careful. If you are continually finishing your call after everyone else has finished and are listening for the dx, then you should consider calling fewer times, or turning up your keyer speed. If you continue to

call long, the next time another one or two guys in the pileup will stretch out their calls as well (heck they cant hear the dx anyway because you are calling over him). Soon everyone is calling and no one is listening and the dx gives up. If your /qrp hits exactly as everyone else stops fine but any longer than that and you may create ill will towards qrp.

73 de Dave, N0IT

-----  
Date: Tue, 11 May 1999 09:05:19 -0500  
From: Karl.Kanalz@optelinc.com  
To: cebik@utkux.utcc.utk.edu  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40169] Re: Hooked on Phonics (QRP Ver.)  
Message-ID: <8625676E.004DC020.00@hdqsmtp01.optelinc.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Why, therefore, isn't "phonics" spelled like it sounds?

Karl K - W8TIF  
McKinney, Texas

"L. B. Cebik" <cebik@utkux.utcc.utk.edu> on 05/10/99 03:46:44 PM

Please respond to cebik@utkux.utcc.utk.edu

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
cc: (bcc: Karl Kanalz/hdq/Optel)  
Subject: Re: Hooked on Phonics (QRP Ver.)

>The correct spelling for "Mnemonic" (NEW-monic) is Mnemonic (NE-monic).

Or Pneumonic (NEW-monic) [related to pneumonia], although P might also use Pfizer (FIGHTS-her).

Also try "ghoti." "gh" as in "rough." "o" as in "women." "ti" as in "relation." Hence, pronounced "FISH."

Of course, what is now called "phonics" used to be called "phonetics." As with most things today, a change in name means a new claim to fame and fortune for stuff that has been around a long time. Look at all the special names attached to essentially old antennas. That is why you will never see a "W4RNL Boomenblast Antenna."

-73-

LB, W4RNL

-----  
Date: Tue, 11 May 1999 09:06:49 -0500  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
To: qrp-l@Lehigh.EDU  
Subject: [40170] K9AW/DU6  
Message-ID: <00132A68.4159@ccgate.dl.nec.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Description: cc:Mail note part  
Content-Transfer-Encoding: 7bit

Gang,

From the almost too easy department:

Worked K9AW/DU6 this a.m. at 1133z on 14.020. Got him with 5 watts and before the pile started. He was a solid 599 on the R5 vertical here in Dallas.

I'm guessing I can QSL him via his home call? If anybody knows differently, please let me know.

Have fun!



73 de Dave, NR3E  
QRP-L #25  
nr Dallas, TX

-----  
Date: Tue, 11 May 1999 09:31:06 -0500  
From: Doc - W5TB <w5tb@softhome.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [40171] HAMCOM QRP HOTEL RATE EXPIRES TODAY  
Message-ID: <3.0.3.32.19990511093106.0077c718@pop.SoftHome.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

A last minute reminder that the rooms at the Courtyard by Marriott in Arlington reserved for the QRP community are almost gone and the special rate officially ends today. Out of the block of 24, only 3 or 4 are left. The National reservation system is confusing on this. The only reliable reservation system to make sure you're with us is to call the sales manager, Patsy Sicke, during business hours, and make the reservation direct with her. phone: 817-277-2774.

Today (May 11) is officially the last date for the QRP Group \$79 rate, but Patsy says she'll extend this a day or two for procrastinators -- so, if that's you CALL NOW :- ) after tomorrow the best you can do is \$94 (the official HAMCOM rate -- I don't even wanna talk about the 'regular' rate on a baseball weekend in June ;-)

BTW -- IF YOU RESERVED A ROOM AT A HIGHER RATE CALL PATSY AND SHE'LL ADD YOU TO OUR GROUP AT THE \$79 PRICE!

73 T.E. 'Doc' Drake W5TB

Arlington, TX      w5tb@softhome.net      <http://www.qsl.net/w5tb/>  
NORCAL ZOMBIE      ARRL Life Member      QRPARCI # 3252  
QRP-L #673      FISTS # 5365

-----  
Date: Tue, 11 May 1999 10:33:09 -0400  
From: "Mike Yettsko" <myettsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [40172] Re: LED night light?  
Message-ID: <001c01be9bbb\$32eaf080\$9001a8c0@mikey>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I wonder... If battery issue was a concern.

You could always pick you LED string so as to not need a dropping resistor. Why waste power? But then the light might be too unstable.

Might be a neat idea to experiment with some ultrabrite LEDs and see how to stretch them out in battery life. Maybe a small 555 timer acting as a power chopper for brightness... At what point does the 555 consume more power than you save?

I know, I know, the power lost in an LED lighting system would probably be insignificant in even field setup, even a QRP, or QRPP setup. But it'd be neat to play with.

Mike Yetsko  
N1DVJ

-----  
Date: Tue, 11 May 1999 09:38:09 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: <w8erv@arrl.net>  
Cc: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [40173] RE: speed  
Message-ID: <000201be9bbb\$e414ca70\$d8016f81@muenzlerk.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I wasn't trolling for flames and I don't believe that your response is a flame. I do wish to clarify my position on what I did say. I admit I wasn't very clear so I'll send a copy to the group as well.

> -----Original Message-----  
> From: J. Ervin Bates, W8ERV [mailto:kb8tnq@voyager.net]  
> Sent: Tuesday, May 11, 1999 2:40 AM  
> To: wb5rue@stic.net  
> Subject: Re: speed  
>

>  
> >  
>  
> WB5RUE wrote:  
>  
>> We should be here to encourage hams to get  
>> their code speed up and not beat them down just  
>> because they can't copy as fast as you. I agree  
>> that the FCC made a big mistake with the no-code  
>> tech license but we shouldn't beat up on them (techs)  
>> because they took advantage of that mistake. Encourage  
>> new hams don't belittle them because they are green.  
>  
> Kevin....I'm not flaming you, nor would I  
> consider doing so, but in what way did the FCC  
> make a mistake with the no-code license? I've  
> heard this numerous times, but all I hear is  
> that they "opened the floodgates" for a bunch  
> of slackers that'll never amount to nuthin".  
> I can't buy that argument. While a small percentage  
> of the no-code population will not go beyond  
> their first license class, I can speak (with  
> experience) to this issue and tell you that I  
> personally know many of them who have contributed  
> immensely to Ham Radio.

Yes I do believe that the FCC made a mistake with the no-code tech class. I don't think that having a no-code class of license is a mistake but I believe the way that the FCC is going about it is wrong. From what I have read since before the class even came about it was meant to be an "experimenter" class of license that would allow the "average Joe" a taste of ham radio. Well I don't believe that a ten year period and renewable is a "taste," it's more like the buffet line. It, like the original Novice, should have been for a shorter period than the rest and not renewable. When I got my Novice I had two years to upgrade or I was out for a year. I think that this would be an excellent idea for the tech license class. If they want to stay in they can take the 5wpm code test and become a tech+. I also think that the old rule that stated you must be a General or Advance for a year before taking the Extra class was good too but we won't go there. I agree that being a tech license holder doesn't preclude one's usefulness as a ham. A great percentage of hams that help out in disasters are tech license holders. We also have a great number of CBers who assist. They are a great addition to ham radio and should never be belittled either.

> I also began as a Tech, but recently upgraded to  
> Plus, with thanks to an Extra with a soft heart and  
> a BIG heart at the same time. He sacraficed to  
> teach me (weekly) the code and no words can describe

> my appreciation. I'm studying for General and Advanced  
> and hope to have them accomplished in September when we  
> have the next VE test session that I can make it to.

SEE! SEE! Us extras (at least most of us) are not "Olde Fartz." My Elmer was also an Extra, W5HH. His original call was 5HH. He has sense passed away but he spent many hours with me at his work bench helping me learn. He even gave me my first rig. It wasn't much of a rig at the time. It had been hit by lightning and wasn't working. But after many many hours of assistance from him at his bench with his test equipment and many of his parts I (we) got it working. I wish I still had the thing. It was a Globe Transmitter. It had four tubes in it with a 6146 final. I think it put out about 35 watts and was crystal controlled CW only. I believe that the lack of real Elmering is the biggest problem in today's ham radio and not the "no-code tech".

> I guess what I'm saying is simply that no one will  
> please everyone all the time. a 1963 (I believe) QST  
> printed a plethora of complaints, diatribes and whinings  
> about the proposal to incorporate "incentive licensing".  
> You should see some of them if you haven't already. Well,  
> as we all know, incentive licensing came and the sky  
> stayed up there. You may not agree with all the FCC and  
> ARRL do, but doesn't it weaken the appeal of the Hobby  
> when you read a slam against it? I know it does for me.  
>  
> Just some observations, Kevin....and again, please don't  
> take this as a flame, for that is not my intention. I  
> truly believe we need to (as you noted) "encourage new Hams",  
> especially if we want to see this Hobby survive well into  
> the next millenium.  
>  
>  
> Very 73,  
> Erv W8ERV

My intent wasn't to slam the hobby or FCC, I was expressing my disappointment in what looks like a relaxing of standards. The sky will stay up and ham radio will survive this too. I hope to hear you on the air some time. Keep studying. I upgraded from General to Advanced a couple of years ago. It was about time! It turns out that one of the VE's was a family friend from when I was a very young child. I hadn't studied for Extra but I knew that I would have no problem with the code. So I was "challenged" to take the Extra written test too since it wouldn't cost any more. Most of the questions were common sense type stuff that I had learned over the years. I passed it and the rest is history.

BTW: Here's a really good web site if you want to practice on real tests.  
You get a different randomly generated test every time you log on.

<http://www.biochem.mcw.edu/Postdocs/Simon/radio/exam.html>

73/

Kevin, WB5RUE

Leeniers! We dunt need no steenkink leeniers!

-----  
Date: Tue, 11 May 1999 10:36:49 -0400 (EDT)  
From: Chris Cartwright Sr <ccart@phideaux.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40174] Re: More 2N2/40 Pictures  
Message-ID: <Pine.LNX.4.04.9905111012080.23552-1000000@dns.phideaux.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 11 May 1999, Jim Kortge, K8IQY wrote:

> can been seen at: <http://members.tripod.com/k8iqy/> listed as  
> It is a 40 meter to 6 meter CW transverter, using 2N2222 transistors,

Neat! I'm definately going to build one of these :) So we can expect the  
all 2N2222 keyer... when... ?? <grin> tnx fer the update!

72

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Tue, 11 May 1999 08:37:45 -0600  
From: Larry East <w1hue@amsat.org>  
To: qrp-l@lehigh.edu  
Cc: Peter\_Simpson@ne.3com.com  
Subject: [40175] RE: How to stick transparency to front panel?  
Message-ID: <3.0.3.32.19990511083745.009236c0@axp1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>From a recent post:

>

>If I make a front panel label for a rig with the "overhead  
>transparency/laser printer" method, what do I use to stick the  
>transparency material to the front panel?

>

Use "Repro" self-adhesive film available from Rayven, Inc. It comes in matte, clear and white for use with copiers and laser printers and is available from most stationary stores by the box (100 sheets -- rather expensive) and from some copy centers by the single sheet.

I've used it with both laser printers and copiers and it works great! Just stick it on the panel (careful -- the stuff is REALLY sticky!) and coat it with a clear spray lacquer. If air bubbles become trapped, just prick 'em with a pin and squeeze 'em out (just like zits...).

Maybe other manufacturers make similar stuff.

72, Larry W1HUE/7

-----  
Date: Tue, 11 May 1999 08:39:10 -0600  
From: Larry East <w1hue@amsat.org>  
To: qrp-l@lehigh.edu  
Subject: [40176] RS Power Supply Voltage Setting  
Message-ID: <3.0.3.32.19990511083910.00948a40@axp1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Awhile back, someone posted a note telling which resistor controls the output voltage in the little Radio Shack switching power supply. Unfortunately, I can't find it now. Would someone please forward it to me?

Thanks & 72,  
Larry W1HUE

-----  
Date: Tue, 11 May 1999 11:01:32 -0400  
From: "Ken Simpson" <W8EK@fdt.net>  
To: "QRP List" <qrp-l@lehigh.edu>  
Subject: [40177] Dayton Hamvention brochures FS  
Message-ID: <013d01be9bbf\$29142f00\$7310fea9@kensimps>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Anyone that would like to go to the Dayton Hamvention and can't make it?

I found an assortment of the big thick color programs from earlier Dayton Hamventions. They include the equipment ads, including QRP rigs, as well as the list of speakers, forums, etc.

Here are the years that are available:

1986  
1987  
1988  
1990  
1991

\$ 3 each, plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson  
E-Mail to W8EK@fdt.net  
Voice Phone (352) 732-8400

-----  
Date: Tue, 11 May 1999 10:13:05 -0500  
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>  
To: <ccart@phideaux.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40178] Re: More 2N2/40 Pictures  
Message-ID: <010d01be9bc0\$c54349a0\$0f1215ac@classifiedventures.com>

Personally, I'm waiting for the companion 2N2222 switching power supply :)

73 chris aa9hd

>  
> Neat! I'm definately going to build one of these :) So we can expect the  
> all 2N2222 keyer... when... ?? <grin> tn timer for the update!  
>

-----  
Date: Tue, 11 May 1999 08:15:54 -0700 (PDT)  
From: Paul Erickson <paule@sfu.ca>  
To: qrp-l@lehigh.edu (qrp)  
Subject: [40179] Re: LED night light?  
Message-ID: <199905111515.IAA16724@fraser.sfu.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Guys,

Perhaps this goes against the spirit of building everything yourself, but why not check out the various LED bike taillights available? You can get some that will run for 50 hours continuous on 2 AAA cells, and others that will run for 200 hours on AA cells.

Everything is there, switch, enclosure (weather resistant) etc.

Cheapest prices will be through places like Bike Nashbar etc. but your local bike shop can help you out.

cheers, Paul VE7CQK/email: paule@sfu.ca

-----  
Date: Tue, 11 May 1999 11:17:44 -0400 (EDT)  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, antennas@qth.net, antennaware@contesting.com  
Subject: [40180] 17-15-12 & Simple  
Message-ID: <Pine.GS0.4.10.9905111110220.5093-100000@moe.cas.utk.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Some questions came up regarding a simple antenna for all 3 bands (a CW



ops "wide-open spaces" during sunspot maxima) that would not have the narrow finger lobes of a 135' doublet and ATU. I first thought about fanning dipoles, but the frequencies are too close to each other, and interaction is very high according to models. So I came up with a possibly better solution--a dipole cut for 17 and fed with parallel line and possibly rotatable on a standard 30' length of TV mast (Armstrong method to cut expenses). Results of preliminary design work are at the site under the subject-line title. Hope something in the ideas is useful to someone.

-73-

LB, W4RNL

|  |     |    |   |   |      |       |       |       |               |
|--|-----|----|---|---|------|-------|-------|-------|---------------|
| L. B. Cebik, W4RNL   | /\  | /\ | * | / | /    | /     | (Off) | (423) | 974-7215      |
| 1434 High Mesa Drive   | /   | \  | \ | \ | ---- | /\--- | (Hm)  | (423) | 938-6335      |
| Knoxville, Tennessee   | /\  | \  | \ | \ | /    | /     | (FAX) | (423) | 974-3509      |
| 37938-4443   | USA | /  | \ | \ | \    | \     |       |       | cebik@utk.edu |
| URL: <a href="http://web.utk.edu/~cebik/radio.html">http://web.utk.edu/~cebik/radio.html</a> |     |    |   |   |      |       |       |       |               |

-----

Date: Tue, 11 May 1999 08:20:30 -0700  
From: "Radman" <radman@best.com>  
To: <w1hue@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40181] Re: RS Power Supply Voltage Setting  
Message-ID: <199905111518.IAA12597@proxy3.ba.best.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Larry,

Dave Fifield made the original post. The resistor is R1 = 39 ohms. It's an SMT (390) located on the solder side of the RS switcher PCB -- very easy to locate. Replacing it with a "trim pot" will allow one to vary the RS output voltage from 13.7 to ~16 volts, per Dave's original post.

Dave cautions us to use \*extreme caution\* whilst performing the RS mod, due to the presence of lethal voltages on the RS PCB.

GL es 72,

Conrad -- NN6CW

\*\*\*\*\*

Awhile back, someone posted a note telling which resistor controls the output voltage in the little Radio Shack switching power supply.

Unfortunately, I can't find it now. Would someone please forward it to me?

Thanks & 72,  
Larry W1HUE

-----

Date: Tue, 11 May 1999 09:27:57 -0600  
From: Larry East <w1hue@amsat.org>  
To: qrp-1@lehigh.edu  
Subject: [40182] Re: RS Power Supply Voltage Setting  
Message-ID: <3.0.3.32.19990511092757.0092fac0@axp1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Got the needed info -- thanks.

-----

Date: Tue, 11 May 1999 11:35:19 -0400  
From: "Richard Brummer" <obvious@bestweb.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.edu>  
Subject: [40183] Re: Tuner  
Message-ID: <002201be9bc3\$e3047240\$3f06b3d8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,

Just a quick note on Charles Hamel's tuner question.

I have an MFJ-969 on which the "on-off" switch controls not only the meter light, but also the function of the meter, at least on transmit. The switch apparently does not disable the tuning capability on receive, and would conceivably not disable it on transmit, though I have not checked that out.

73,  
Dick K2REB

-----  
Date: Tue, 11 May 1999 10:31:22 -0500  
From: applitech@mcg.net (Claton Cadmus)  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [40184] Re: speed (nocode license)  
Message-ID: <022301be9bc3\$a8b03200\$a10a5e2c@groucho>

Can we PLEASE not have a code/no-code discussion here on QRP-L for the  
bizillionth time! The Tech license is here and is what it is. Get over  
it.

-----  
Date: Tue, 11 May 1999 11:26:12 -0400  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
To: <qrp-L@LeHigh.edu>  
Subject: [40185] RE: LED night lights  
Message-ID: <000601be9bc3\$39774b80\$0501a8c0@inforhc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Great idea....

Have you tried the so called "ULTRA BRITE " LED's.

I use them while biking here in Havana. Keep them on all the time, as  
they are very good warning to motorists even in full daylight, as they  
are REALLY BRIGHT.

Now one question...is it true or not that LEDs can be OVERDRIVEN  
to some extent, to obtain more LIGHT OUTPUT at the expense of  
SHORTER LIFE OF THE DEVICE.

Maybe some experiments could give us an idea of how far they  
can go "voltage wise".... in order to last say 1000 or 2000 hours...  
more than enough in intermittent service like emergency lights.

LEDs are really wonderful electronic components with many

applications , like using them to bias MOSFETs at the source  
and at the same time have a "pilot light"... HI HI  
73 and enjoy the NEW SUNSPOTS  
I am monitoring 28.060 and 28.500 when at home during the  
daytime

Arnie Coro C02KK

e-mail:arnie@radiohc.org  
e-mail:inforhc@mail.infocom.etecsa.cu  
Postal address:  
Prof. Arnaldo Coro Antich  
La Torre no.127 entre 35 y 37  
Nuevo Vedado, Plaza  
Ciudad Habana , 10600  
CUBA

-----  
Date: Tue, 11 May 1999 11:19:02 -0400  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
To: <qrp-L@LeHigh.edu>  
Subject: [40186] RE: FET replacement for 2SK125  
Message-ID: <000501be9bc3\$38279a00\$0501a8c0@inforhc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The RF amplifier stage of the SONY 2010 receiver uses a  
2SK125 FET.

As I do not have the parameters for that device, I will appreciate  
very much information about its characteristics.

Attempts to replace it with the two FETs that I have at hand  
2N3819 and MPF102 have proven to be a failure, possibly  
to the fact that the 2SK125 is probably some kind of special  
device.

The radio without the RF stage performs poorly, even with  
an external antenna !

Any help, ideas , suggestions will be appreciated...

BY THE WAY... have you heard about using the synthetizer in those  
radios to feed a transmitting chain ?

It's complicated , but can be done.

My much easier approach is to take the ICF2010 with me , and  
use it with a very simple three transistor QRP rig... and let me  
tell you that it works very well receiving on the 40 meter band...

BUT... it seems like the 2SK125 was hit by a nearby lightning stroke...and could not survive, even with the two back to back diodes, the 47 k resistor in parallel with the input to ground ( to discharge static accumulated ) and the precaution of always disconnecting the receiver from the antenna after use !

Thanks to all who take the trouble to read this, and especially to those that can offer some ideas, suggestions and data on the device

73 and DX with the NEW SPOTS !

Arnie Coro C02KK

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etecsa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

-----  
Date: Tue, 11 May 1999 08:31:23 -0700 (PDT)

From: Stanley Wilson <microres@crl.com>

To: Mike Yetsko <myetsko@insydesw.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [40187] Re: LED night light?

Message-ID: <Pine.SUN.3.91.990511082706.2565A-100000@crl3.crl.com>

Mime-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

A 555 timer is a current hog in caps HOG. Not sure about the CMOS version. Might want to use a 4000 series CMOS gate as a free running osc. It would be a nice way to control the brightness.

The leds in these flashers they use for road work have some really bright LEDs in them (white). Sort of super bright. Not sure of the mfg, the little modules come from China and the LEDs do not have any marking. Sorry did not check the current on them.

-----  
Date: Tue, 11 May 1999 11:08:30 -0500 (GMT+5)

From: wd9eyb@butler.indiana.net

To: qrp-1@lehigh.edu (QRP List)

Subject: [40188] RUFZ, Tape Recorder, DXer's Meeting, Dayton, Supercomm, HTML

Message-ID: <199905111608.LAA00861@butler.indiana.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I want to say something about 6 things.

1. I've been practicing with RUFZ. I've got my score up to 7200.  
One time the speed got over 40 WPM. Man, that's fast to me.  
I'm going to keep playing with it.
2. I think I might get one of those little tape recorders with the  
speed switch. Then when I hear a station that's just too QRQ,  
I can record him, and then playback at a lower speed.
3. Tonight I'm going to attend the Hoosier Contesters and DX club,  
The Hicks Club, meeting in Indy. I've never been and it will  
be a new experience.
4. I'm going with a bus tour to Dayton Saturday. I don't have  
a way to FDIM but I'll be looking all around Hara Arena.  
What new publications should I buy? I have most of the publications  
before this year. What new kits should I buy? I have most of  
the earlier kits. What booths should I visit? Who should I look for?  
How much money should I bring? What Saturday forums should I attend?  
I like the VHF/UHF one.
5. I'm going to the Supercomm trade show in Atlanta in June.  
Are any other QRPers going? Should we get together?
6. I wish to vote against HTML in the digest. It would make it hard  
for me to read. I think HTML versions of the digest are available  
on the archive web pages.

Thanks for reading.

Jim, WD9EYB

-----  
Date: Tue, 11 May 1999 12:02:10 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [40189] FOX: 1998/99 QRP-L FOXHUNT RESULTS.  
Message-ID: <Pine.OSF.3.95.990511112833.23945B-100000@saturn1.acs.oakland.edu>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Betcha thought I was gonna post them... :-)

Well, I will.

\*\*\*\*\*  
\*FOXHUNT RESULTS TO BE RELEASED\*  
\*\*\*\*\*

About 9:00pm, THURSDAY EVENING at the Dayton Days Inn South.

An email to QRP-L will follow as will the URL to the results on the web.

Some teasers:

There were 414 callsigns logged by our trusty foxii.

There were 2,544 QSOs completed, almost all of which were 2-way QRP!

14 stations worked at least 30 fox!

A disclaimer:

WHINING ABOUT THE RESULTS WILL NOT BE ACCEPTED.  
The objective of the FOXHUNT is to have fun and  
get those rigs on the air making some noise.

That objective was accomplished by you folks, in spades.

I thank EVERYONE involved it could not have been such an incredible  
success over the past year's without everyone's participation.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Mon, 10 May 1999 06:08:49 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: qrp-l@Lehigh.EDU  
Subject: [40190] RE: Speed  
Message-ID: <3736DA61.F83371FE@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gangue:

I mentioned this previously, but it's been many months now, so I'll re-iterate. When working DX, or even when working a contest one doesn't need to be able to copy the high speed CW in real time. One can use a dictation type cassette recorder to record a QSO, then play it back at half speed. Once you have the information, the only thing you need to copy is your own call when the station finally acknowledges you. Most folks can copy their own callsign much faster than other text. Even in a serial number type contest, you can simply count in your head each QSO that the station has worked between the last one that you copied and the one where you get to work that station.

Of course, the best method is to actually copy the station in real time, but there is no reason why one shouldn't be able to work DX and contests using this method until one reaches those high speeds through practice. You probably won't come in at #1 with this technique, but once you get into the "swing" of things, you might be quite surprised at how smoothly and quickly one can use this idea.

I have used several types of solid state recorders as well. Remember though, the key is that the unit must have a way to vary the playback speed.

Brian W5VB0

-----  
Date: Tue, 11 May 1999 09:51:39 -0700 (PDT)  
From: Ron Stark <ku7y@dri.edu>  
To: QRP-L AAList <qrp-l@Lehigh.EDU>  
Subject: [40191] DXing, Speed & /QRP



Message-ID: <Pine.SOL.3.96.990511083916.28774A-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmmmmm,

I have never had trouble with station going away when they find out that I'm QRP or even QRPp.

What I have seen is condx change, QRM/QRN increase and etc. When you think someone has just bailed out because you are running low power ask yourself this....

What did his sig do? Did you notice any drop at all? Did you hear any QRM? Even another station that is weak may well be giving him fits.

Something else to try if you are using a "big" rig. As the other station starts saying that your sig is going away, turn the power up. I have done that many times and continued the QSO without trouble which tells me that my QRP sig really was getting too weak to copy.

Also think about this..... if you are running 2 watts and the other station is running 100 watts..... you have him as S6. You will be almost a full 3 S units weaker. That means that he will be trying to copy an S3 sig. If his noise level is very high, he will not be able to do it!

As an example, during the contests on 160 meters, I can seldom get a response from a station who is less than a full S9! If the noise is bad I often can only work those who are S9 + 10-20 db over! (You are just waiting for the condx to hit that let you call S5 stations on the other coast and work them!!)

When sending /QRP in a pile up....please use QSK and stop sending when the DX station starts. What I hear very often are long calls that continue even after the DX station starts sending. QSK is hard to learn but it's just another tool to use. (Do we ever learn it all??? I hope not!)

In contests I will sign /QRP when calling CQ but never when calling a station who is calling CQ. This just slows them down. While you can lay pen to paper and show just how short a period of time this is, I still do it as a courtesy to the other station.

And I do find testers to be considerate. There are some who are not but most are. What you have to realize is that the whole object of a contest is to log more contacts in a given amount of time than the other stations!

And there are all kinds of contests. Many of the QRP contests are more for fun than for getting the max points! As you watch the contests come and go you see that each one has its own personality. There are the Bubba and Zombie FunTests where it's all just for fun. On the other end is the NA Sprints, without a doubt one of the hardest and fastest contests yet!

Lots of fun to be had out there in radio land. Something for everyone. Heck, someone told me that there is something called a mic or mike, something like that. Seems that all you need to do is talk into it and it sends the code for you....something like that anyway..... :-)

Main thing is to enjoy and have fun.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Tue, 11 May 1999 13:15:25 -0400  
From: "Ken Simpson" <W8EK@fdt.net>  
To: "QRP List" <qrp-l@lehigh.edu>  
Subject: [40192] J-38 Key FS  
Message-ID: <025101be9bd1\$dce6820\$7310fea9@kensimps>  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I found a J-38 CW key hiding in a corner. Looks like it has been hiding for a while, and could stand some cleaning up, brass polishing, etc.

\$ 20 plus shipping from Florida

Thanks.

73,

Ken, W8EK

Ken Simpson  
E-Mail to W8EK@fdt.net  
Voice Phone (352) 732-8400

-----  
Date: Tue, 11 May 1999 13:17:46 EDT  
From: Dean W Manley <kh6b@juno.com>  
To: Peter\_DL2FI@csi.com, qrp-1@Lehigh.Edu  
Cc: kh6b@juno.com  
Subject: [40193] Re: AW: 80M CW  
Message-ID: <19990511.071913.5391.1.kh6b@juno.com>

Hello Peter and 80m group.

I did some quick checking propagation using miniprop on computer. Germany to Hawaii is interesting and highly unlikely to produce results during May, June and July. However, at Germany sunrise times from late August through late April, there is a good chance for results. Also, Germany sunset times with Hilo Hawaii sunrise times may be possible from late October through late February.

About 3560 kHz: It seems that this frequency is used in North Korea by a 300kW SWBC station. A Hawaii sunrise, the BC station is very strong making 3560 useless.

I'm planning on a full-wave loop antenna for 80m. Also, I may use one or two vertical elements.

Aloha,  
Dean KH6B  
Hilo Hawaii

>European CW point of activity is 3560 +/-, UPPER END of European CW region is 3570, followed by rtty/Amtor/Pactor/PSK area up to 3560 and then SSB.

The bandplan says CW is allowed to use the band up to 3800, but no one does.

>BTW there is a QRP beacon at 3600,0 OK0EN running 100 mW into a dipol.  
The  
OPs QSL any report.

---

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Tue, 11 May 1999 13:17:46 EDT  
From: Dean W Manley <kh6b@juno.com>  
To: qrp-l@Lehigh.Edu  
Cc: kh6b@juno.com  
Subject: [40194] 7040 at sunrise  
Message-ID: <19990511.071913.5391.2.kh6b@juno.com>

Hello group,

7040 in Hawaii just before sunrise has incredible  
QRM levels from Asia. The "K" beacon on 7039  
is very loud at times. I listen for "holes" in the QRM.  
Sometimes 7041 or below 7038 yeilds a QSO with  
mainland USA. Signals appear to peak about 15 minutes  
to over an hour AFTER your sunrise time.  
Well, this morning, 40m was just too noisy at Hilo  
sunrise (about 1600 utc). I changed to  
14060 and made a couple of quick contacts:  
Steve N0TU/m C0 339 into Hawaii, and  
Roger KA9UDA CA 559.  
On 20m, there was no noise, no QRM, but some QSB.

Aloha, 72,  
Dean KH6B  
Hilo HawaII

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Tue, 11 May 1999 13:19:03 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <inforhc@mail.infocom.etecsa.cu>  
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>  
Subject: [40195] RE: FET replacement for 2SK125  
Message-ID: <000201be9bd2\$5ddeea00\$01010101@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Arnie... the 2SK125 is a low noise (1.8dB NF) 25V 0.1A UHF JFET, and that's all. Either of those two FETS you tried should have at least WORKED-more or less-in its place. Icom lists it as Q7 in its IC-271A or 'H; and as Q@ & Q3 in the IC-781, so they may have them. As for other sources, RF Parts (<http://www.rfparts.com/2sk.html>) lists it at \$3.50/ea; and Union Electronic Distributors (<http://www.unionel.com/>) near Chicago (@ 1.800.648.6657) has them listed in their catalog at \$0.92 each; Techsonic ([techsonic@rocketmail.com](mailto:techsonic@rocketmail.com)) @ 415-412-5245 (<http://www.members.tripod.com/~semiconductor/html>) has them somewhere in their catalog. I hope this helps.

72 / 73 Ed N4XY

-----  
Ed Tanton N4XY EMAIL: n4xy@arrl.net  
189 Pioneer Trail  
Marietta, GA 30068-3466 TEL: (770)579-3933

-----  
INTERESTS: \*CW (99.5%) \*QRP (QRP-L# 758)  
\*BoatAnchors \*Test Equipment \*Photography

~~~~~  
Time flies like an arrow. Fruit flies like a banana.  
... Groucho Marx  
~~~~~

-----  
Date: Tue, 11 May 1999 13:25:44 -0400  
From: "Ken Simpson" <W8EK@fdt.net>  
To: "QRP List" <qrp-l@lehigh.edu>

Subject: [40196] McElroy Bug FS  
Message-ID: <026a01be9bd3\$4ddbae80\$7310fea9@kensimps>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The same spot that produced the J-38 key also produced a McElroy bug. It could stand some polishing, and the finger pieces are not in good shape. It could really look nice, with a bit chrome polishing on the tear drop shaped base.

\$ 75 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson  
E-Mail to W8EK@fdt.net  
<http://www.gnv.fdt.net/~kenmar>  
Voice Phone (352) 732-8400

-----  
Date: Tue, 11 May 1999 12:23:50 -0500  
From: Karl.Kanalz@optelinc.com  
To: inforhc@mail.infocom.etecsa.cu  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40197] RE: LED night lights  
Message-ID: <8625676E.005FECAA.00@hdqsmtp01.optelinc.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Oh yes! You can CERTAINLY "over-drive" LEDs for more light output at the expense of life span! I've done it several times, but I can't tell you when they fail, since the "over drive" can be anything from say, 5% to 20%, and at the 10% level of

over drive, I've not yet had one burn out (that's why I can't tell you about the effect(s) of over-driving).

Of course, current consumption increases, and for some applications, like a night-light, that may not be desirable -- especially if battery power is limited.

Karl K - W8TIF  
McKinney, Texas

-----  
Date: Tue, 11 May 1999 13:31:23 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-1@lehigh.edu  
Subject: [40198] Re: FET replacement for 2SK125  
Message-ID: <3738696B.961B02C3@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

JFET gm 10mS min 14mS typical  
Crs 2.6pF 1.8 dB NF @100MHz  
Vgs off -2 to -6V Idss 40 to 75 mA  
--Zack W1VT

-----  
Date: Tue, 11 May 1999 13:42:40 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Dave Sjolín <sjolin@swbell.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40199] Re: interesting finding while qrp dxing  
Message-ID: <Pine.3.89.9905111307.B23480-01000000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 11 May 1999, Dave Sjolín wrote:

>  
> calling fewer times, or turning up your keyer speed. If you continue to  
> call long, the next time another one or two guys in the pileup will  
> stretch out their calls as well (heck they can't hear the dx anyway  
> because you are calling over him). Soon everyone is calling and no one  
> is listening and the dx gives up. If your /qrp hits exactly as everyone

> else stops fine but any longer than that and you may create ill will  
> towards qrp.

>

Been in the situation many times where I couldn't hear my own call coming back from a DX station due to the stations still calling. But I don't recall ever being QRM'd by a "/qrp". Granted, the "/qrp" call should extend for a very brief time past the pile-up, or it's just going to get lost in the DX stations "CQ" or "QRZ". He's not going to wait around for you to finish when he's got many other stronger stations to work...

73,

Bob Patten, N4BP

, ' ' ' ,

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

-----  
Date: Tue, 11 May 1999 10:57:14 -0700 (PDT)  
From: Bradley Mitchell <wb8ygg@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [40200] Dayton Weather Report?  
Message-ID: <19990511175714.1685.rocketmail@web602.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

So what's the poop What's the wx going to be at Dayton this year? :-)

See you there!

73

Brad WB8YGG

(N2JGU inspired me to post this!)

Thanks Gary.

-----  
Do You Yahoo!?

Free instant messaging and more at <http://messenger.yahoo.com>

-----  
Date: Tue, 11 May 1999 10:56:37 -0700



From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>  
To: Karl.Kanalz@optelinc.com  
Cc: qrp-l@lehigh.edu  
Subject: [40201] Re: LED night lights  
Message-ID: <19990511105636.A18664@dolphin.openprojects.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

> Oh yes! You can CERTAINLY "over-drive" LEDs for more  
> light output at the expense of life span! I've done it several  
> times, but I can't tell you when they fail, since the "over drive"  
> can be anything from say, 5% to 20%, and at the 10% level of  
> over drive, I've not yet had one burn out (that's why I can't  
> tell you about the effect(s) of over-driving).

Of all the discussions of overdriving LEDs bantering about, I've yet to see any mention of "pulsing" LEDs. If someone did post this, then my apologies -- but that doesn't change the fact that I didn't see any on my end. :-)

Instead of feeding it 10mA of current continuously, one could pulse an LED at 20mA with 33% duty cycle. If you pulse it fast enough, the LED will appear to have a continuous glow, much brighter than if you didn't pulse it. The human eye stops discerning flickering features when the flicker is above 10Hz; some people seem to see flicker at 30Hz. My suggestion is to use a 60Hz pulse rate. This way, the 60Hz filters in any of your radios will reject the pulses coming from your nightlight.

Generally, you want the off time to be longer than the on time, to allow the LED to cool down between pulses. After all, the reason LEDs shorten their life span when overdriving them with continuous current is, in fact, for thermal reasons.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

-----

Date: Tue, 11 May 1999 12:01:57 -0600  
From: Bruce Kizerian <kizerian@ced.utah.edu>  
To: microres@crl.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40202] Re: LED night light?  
Message-ID: <37387095.A7AFB5B7@ced.utah.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The CMOS 555 uses significantly less than a milliampere when it is not driving a load. Unfortunately, despite what the datasheet says, it is a whimp when driving any load--especially at  $V_{dd} = 3V$ . I use the 555 to drive the gate of a Supertex TN0702 low threshold switching MOSFET with an LED connected between the drain and  $V_{dd}$  (any low threshold, low on resistance MOSFET will probably work). With a duty cycle of less than 1% at 5KHz, I have pulsed high output IR LEDs at 700 mA (peak) with no problems. You probably ought to run the 555 at 5-6 Volts. There will be some drop across the MOSFET. Since the eye is a peak reading sensor, rather than an integrator, you can easily get 100 times the apparent light visibility for a given amount of current. There will be some loss of efficiency due to the MOSFET on resistance and the 555, but it will be small compared to the power used by the pulsed LED.

Have fun with this!

Bruce kk7zz

Stanley Wilson wrote:

> A 555 timer is a current hog in caps HOG. Not sure about the CMOS version.  
> Might want to use a 4000 series CMOS gate as a free running osc. It would  
> be a nice way to control the brightness.  
>  
> The leds in these flashers they use for road work have some really bright  
> LEDs in them (white). Sort of super bright. Not sure of the mfg, the  
> little modules come from China and the LEDs do not have any marking.  
> Sorry did not check the current on them.

-----  
Date: Tue, 11 May 1999 13:24:31 -0500  
From: Rick Morrison <RickM@firstlogic.com>  
To: qrp-1@Lehigh.EDU  
Subject: [40203] First HF rig  
Message-ID: <8E337964A712D2119ADE006097C9899DF30396@exchange-lax1>  
MIME-Version: 1.0  
Content-Type: text/plain

I am also a new Tech Plus licensee. I have a similar question that has been touched on by the answers regarding a Pixie as a first rig.

As a first rig, should I go for the 160-10 all-mode QRO rig, probably used or maybe new with a Scout, or start with a single band CW transceiver QRP kit. Certainly buying half a dozen single band transceivers, which it seems is very common, would eventually cost as much as one used QRO rig. And no voice or other modes which might be very interesting to a new ham. But I could get on the air for a very reasonable price with a QRP kit.

I have built a FB40 and Pixie but more as a building exercise leading to more complex kits. I don't think that they would be a good first choice for operating, either. But it was fun to see them completed and working!

I have a couple QRP kits in mind but private e-mail regarding particular QRP-friendly QRO rigs would be welcomed.

Thanks for the input,

Rick Morrison, KB9TKG  
kb9tkg@arrl.net

-----  
Date: Tue, 11 May 1999 18:30:01 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <wb8ygg@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [40204] Re: Dayton Weather Report?  
Message-ID: <003d01be9bd3\$e875edc0\$e642b3c7@sorrells>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well, its gonna be sunny and warm unless, of course, its cloudy and cool. But, it could be cloudy and warm or it could be sunny and cool. It also could be partly sunny and warm or partly sunny and cool. One thing for sure, it won't snow. Unless, of course, it does. At nite it will be dark except in areas where there are lights.  
Be sure to take warm clothes, shorts and T shirts and a snow shovel. And don't forget an extra pair of socks.  
I hope this clarifies things, wx wise.  
72 de Steve, W8SFF

-----  
Date: Tue, 11 May 1999 14:36:45 -0400  
From: "John Humphrey" <jhumphre@ultra-tech.com>  
To: qrp-l@lehigh.edu

Subject: [40205] Re: LED night lights  
Message-ID: <s73840a3.074@ultra-tech.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline  
Content-Transfer-Encoding: quoted-printable

Be careful of 60hz because just as with Fluorescent lights, the muscles in =  
the human eye can pickup the pulse even though it doesn't 'see' the pulse. =  
Thats why some people get headaches working under fluorescent lights.

72,73,  
John H. W4IM QRP-L #1691  
Stafford, Va.

-----  
Date: Tue, 11 May 1999 11:41:01 -0700 (PDT)  
From: Paul Erickson <paule@sfu.ca>  
To: qrp-l@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)  
Subject: [40206] FS: OHR400/KC2  
Message-ID: <199905111841.LAA24720@fraser.sfu.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

For Sale: OHR400 with KC2 keyer/counter. Works great. Need to  
sell to help finance a K2. \$260usd shipped.

cheers, Paul VE7CQK/email: paule@sfu.ca

-----  
Date: Tue, 11 May 1999 02:05:34 -0700  
From: Jon Iza <iapizloj@bicc00.bi.ehu.es>  
To: qrp-l@lehigh.edu  
Cc: na5n@rt66.com  
Subject: [40207] QRPp in Spain  
Message-ID: <3737F2DE.1718@bi.ehu.es>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Gang,

Doug and Paul were worried about QRPP getting lost on the mail.  
And for a good reason. This issue is (I do not have words enough  
in English to tell, so...) EXCELENTE!

The drawings from Paul are MARAVILLOSOS!

Just my two pesetas.

jon, ea2sn

★ Goza de tu poco, mientras busca mas el loco ★

-----  
Date: Tue, 11 May 1999 14:12:25 -0500

From: mjfitz@uswest.net

To: qrp-l posts <qrp-l@Lehigh.EDU>

Subject: [40208] 2SK125 SUB?

Message-ID: <37388119.2ED7510@pop.omah.uswest.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hey guys-

How about a regular 'ole 2N4416A or a J310 as a substitution for  
Arnie's FET preamp?

Mike KI0AF Mo. Valley, IA

-----  
Date: Tue, 11 May 1999 13:24:38 -0600

From: "Carl Zmola" <zmola@campbellsci.com>

To: RickM@firstlogic.com

Cc: qrp-l@Lehigh.EDU

Subject: [40209] Re: First HF rig

Message-ID: <19990511191826199.AAA168@carl-zmola>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

Rick Morrison, wrote:

> As a first rig, should I go for the 160-10 all-mode QRO rig, probably used  
> or maybe new with a Scout, or start with a single band CW transceiver QRP  
> kit. Certainly buying half a dozen single band transceivers, which it seems

> is very common, would eventually cost as much as one used QRO rig. And no  
> voice or other modes which might be very interesting to a new ham. But I  
> could get on the air for a very reasonable price with a QRP kit.

I don't really see the difference between a Scout and a 160-10 all-mode QRO rig. 50 vs 100 watts isn't that different, and band modules arn't hard to change, although a new Scout with band modules gets you into the same price range as a TS50 or lcom or yaesu rig. It might be a little more qrp friendly though.

I definitely recommend more than 5w for a first rig. I'ts supposed to be fun. If you want to turn your power down, ok but if it gets too frustrating, move up to full power.

Does anyone have recommendations for QRP friendly QRO rigs? Or rigs to stay away from? This question keeps comming up. I just thought there might be an "approved" list.

Carl

Carl  
zmola@campbellsci.com

-----  
Date: Tue, 11 May 1999 15:19:01 -0400  
From: sergio <sruiz@bright.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40210] amateur stamps..  
Message-ID: <373882A5.BD6F67FA@bright.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

i lost the original message..

but i wanted to say thanks to the guy who sent me the amateur stamps!  
that was too cool!

what a cool dude, man...

--

---  
peace,  
sergio  
<http://www.bright.net/~sruiz>  
"the village buzz"

-----  
Date: Tue, 11 May 1999 15:31:29 -0400  
From: Jerry Henshaw <jhenshaw@bellsouth.net>  
To: "'QRP List'" <qrp-l@Lehigh.EDU>, "'eleccraft@qth.net'" <eleccraft@qth.net>  
Subject: [40211] Dayton and Paddles  
Message-ID: <01BE9BC3.58299240@host-216-77-208-164.fll.bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang,

I plan to bring the following paddles for show and tell again this year:

Mercury Paddle  
WBL V22  
Norcal Paddle (Second Place winner last year)  
Bencher  
Bull Dog (Spring binder clip mini paddle)

All of these paddles will be hooked up for anyone who wants to play with and compare each paddle.

I will have my K2 along with my Sierra on Steroids as well.

See you all in a couple of days.

72's

Jerry Henshaw  
KR5L/4

-----  
Date: Tue, 11 May 1999 12:45:14 -0700  
From: Dave Barrett <DBarrett@creo.com>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [40212] Masthead Transceiver??  
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB0131375C@msgcreo2.creo.bc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

With all this talk of terrible mismatches of feedline to antenna and transceiver to feedline and heavy losses caused by same which effectively looses most of our tiny QRP signals either in the coax or the tuner if used. I'm surprised no one has suggested sealing a small transceiver in a nice shielded box at the masthead connected directly to the resonant antenna.....run the mic signals down the coax instead with some DC blocking caps and PTT signals in there two, then just have audio coming back down the same coax to the shack.....tuning done by varactor with a small DC signal .

Thoughts??

Dave (VE7PCC) (Recumbent

Builder Extrodinaire) Vancouver BC Canada

-----

Date: Tue, 11 May 1999 13:53:24 -0600  
From: Bruce Kizerian <kizerian@ced.utah.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40213] Re: LED night light?  
Message-ID: <37388AB4.1F1B29CE@ced.utah.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Visibility? I meant to say intensity.

Bruce Kizerian wrote:

> The CMOS 555 uses significantly less than a milliampere when it is not driving  
> a load. Unfortunately, despite what the datasheet says, it is a whimp when  
> driving any load--especially at Vdd = 3V. I use the 555 to drive the gate of  
> a Supertex TN0702 low threshold switching MOSFET with an LED connected between  
> the drain and Vdd (any low threshold, low on resistance MOSFET will probably  
> work). With a duty cycle of less than 1% at 5KHz, I have pulsed high output IR  
> LEDs at 700 mA (peak) with no problems. You probably ought to run the 555 at  
> 5-6 Volts. There will be some drop across the MOSFET. Since the eye is a peak  
> reading sensor, rather than an integrator, you can easily get 100 times the  
> apparent light VISIBILITY for a given amount of current. There will be some  
> loss of efficiency due to the MOSFET on resistance and the 555, but it will be  
> small compared to the power used by the pulsed LED.  
>  
> Have fun with this!  
>  
> Bruce kk7zz  
>



-----  
Date: Tue, 11 May 1999 13:02:36 -0700  
From: Dave Barrett <DBarrett@creo.com>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [40214] 80 Mtrs SSB Very Active in PNW  
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB0131375D@msgcreo2.creo.bc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

There has been lots of talk about 80 Mtrs being in various stages (depending who's post you read :-)) of demise or resurgence.....all of this talk centers around CW.....OK all you guy's I'm just lett'in you all in on a big secret.....There is a group of us old timers here in the Pacific north west called the BC QRP Club, we run daily SSB nets mostly with 1 watt homebrew rigs some putting the boots on and putting out a staggering 5 watts :-)

Our nets run every day rain or shine, first at 5:00PM (all times PST) on 3.7290 Mhz, second at 7:30 PM on 3.764 Mhz and again at 9:30 PM 3.764 Mhz, all give or take a few Khz depending on local noise and band conditions. We have been here doing this for 20 or more years and will continue likely until we all die off..... :-)) or our coaxes rust up (whichever comes first) (grin).

We have regular chats with Vern and Doug down in California and Duncan in Calgary, as well we have regular checkins from Oregon and Washington state, there are approximately 20 of us in the lower mainland of Vancouver BC all active and avid builder of anything radio related.....Please feel free to jump in and join us someday on the bands for a chat.

If your interested our website gives a few pics of our merry throng at:  
<http://www.asl-labs.bc.ca/wrarc/bcqrp.htm>

And if your into Recumbent bicycles check out my latest project (which will be HF mobile with my earthshattering 80 Mtr 1 watter soon), at:  
<http://www.mcs.net/~gkpsol/davebarrett.html>

Have Fun.....Build something.

Dave VE7PCC Vancouver BC Canada

-----  
Date: Tue, 11 May 1999 10:06:10 -1000 (HST)  
From: "Mike W. Burger" <mike@gold.chem.hawaii.edu>  
To: qrp-l@lehigh.edu  
Subject: [40215] RE: First HF Rig  
Message-ID: <199905112006.KAA16630@gold.chem.hawaii.edu>

I am very fond of my Kenwood 570D. I do wish I had gotten the version with six meters however. It is very happy to be turned down to 5 watts. It will accept 1 (one each only) filter and I got the 500 Hz CW filter. That makes a BIG difference. It does a fine job of supporting RTTY in FSK mode. It is a medium size rig that is just right for my limited space.

I also have a TenTec Argo and it is a very nice rig, but compared to the Kenwood, The Kenwood has much more receiver control as you would expect. The Argo is no longer made which is too bad. It is hard to limit one's self to one or two band modules, so the cost of four or five band modules should be considered when pricing the Scout.

I have an Alinco DX70. An OK rig for the price and more portable than the Kenwood and it does support a switch between 5 and 50 watts after an internal switch adjustment. It has a very large current demand on transmit and receive, not a bad FD rig if you have a BIG battery, too heavy and too power demanding for backpacking in my opinion. The Icom 706 series seems to be a better choice in this size range. However, I did notice how much nicer it was to have a multi-band rig and not have to constantly fiddle with the pile of band modules.

When I got back into Ham radio after a long absence I got the Argo and it served well for both field and base for some time. When I got the Kenwood 570D I found out what I was missing in base station operation. I must rate the Alinco as a poor replacement for the Argo given its extra weight and big power demands at 5 watts, very inefficient. The Icom 706 series may be a good selection since with a reasonable battery it is "portable" and yet is a reasonable rig for a first base station.

-----

Date: Tue, 11 May 1999 16:27:21 EDT  
From: K2UD@aol.com  
To: qrp-1@lehigh.edu  
Subject: [40216] Re: Kites and Antennas  
Message-ID: <83c766ee.2469eca9@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

A 5 to 6 foot delta, or a delta conyne will definitely lift a good sized wire, and will remain aloft when all the other kites have gone home for lack

of wind.

A 40M end fed zep is no problem for a kite of this size. My 6 foot conyne will haul this up without effort. I used TV deflection coil wire for the antenna and "feed", and cut up Clorox bottles for the feedline spacers. Why a zep? You do not need to run a ground or counterpoise, it's up there! You will basically be flying the whole antenna under your string, in a vertical fashion. Works great for the band it's cut for, but acts funny as you go up in frequency (unless the stations you wish to contact are straight up that is).

RSGB's "HF Antenna Collection" has some good pieces on kite-borne antennas. Available from CQ Publications, Ham Radio Bookstore, the (be)League(red) and others.

72

Howard Kraus, K2UD

-----  
Date: Tue, 11 May 1999 15:31:40 -0500  
From: "W5TB - 'Doc' Drake" <w5tb@SoftHome.net>  
To: zmola@campbellsci.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [40217] Re: First HF rig  
Message-ID: <v04011703b35e4349792e@[10.4.13.114]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>I don't really see the difference between a Scout and a 160-10 all-  
>mode QRO rig.

The scout's a fun lil rig and very easy to use. For more info see

<http://www.qsl.net/w5tb/scout.html>

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>  
QRP-ARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365  
ARRL Life Member

-----  
Date: Tue, 11 May 1999 16:38:57 EDT

From: K2UD@aol.com  
To: qrp-l@lehigh.edu  
Subject: [40218] Re: Sticking transparencies to front panel  
Message-ID: <863ed791.2469ef61@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I did try the Elmer's spray adhesive with my NC-20 and the front and rear labels offered to the list a while ago (sorry, forgot the gent's name and call who prints them).

Make absolutely sure the surface is spotless and greaseless. No fingerprints! Even here, the spray may not be the best method for affixing labels. Either that, or I need to improve my panel preparation habits. Yeah, it's worth a try. I'd like to see if others had extreme success with this method. I found a couple of spots that would not stick, but I had to look with a magnifying glass to find them. Otherwise, probably not much of a problem for those who wish to try this.

72

Howard Kraus, K2UD

-----  
Date: Tue, 11 May 99 13:24:37 -0800  
From: Anthony Felino <anthony@pacinfosb.com>  
To: qrp-l@lehigh.edu  
Message-ID: <Chameleon.926455418.anthony@anthony>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Looking through the log, I see that most of my activity lately has been on 80m. I have been sitting down at the radio around 9:30pm for a QSO or two before bed. I try 80m before switching to 40.

The log reveals that most of my contacts were on 3540-3550kc, although there seems to be more activity in the novice portion of the band. About 75% of the time I hear no one, I call CQ, and get an answer. So someone is listening.

My antenna is an 85ft long dipole. Before that I had a lower 50ft dipole, and I still worked out, though I needed more power. The short antenna is what makes it an enjoyable challenge.

I think many folks don't bother with 80 because they think they need the long antenna. You don't, really, and the band works very well at night. Often 40m has only weak distant signals, but I can cover the western states with QRP on 80. I very rarely hear anyone on 3560.

So give it a try. There's plenty of room down there, and in some ways it's the best band we have.

-----  
Anthony Felino, Pacific Information Design  
email: anthony@pacinfosb.com, afelino@eng.delcoelect.com  
telephone: (805) 730 1565, x25  
fax: (805) 730 1569  
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-----  
Date: Tue, 11 May 1999 15:41:11 -0500  
From: applitech@mcg.net (Claton Cadmus)  
To: <RickM@firstlogic.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40220] Re: First HF rig  
Message-ID: <033101be9bef\$35b20220\$a10a5e2c@groucho>

This is probably not your typical answer, but if you'd like to build radios too, get a good HF general coverage receiver. If it happens to be a transceiver too and you can afford it fine. I say this as it's probably the number one best piece of test equipment you can have. CW transmitters are also very easy to build and make excellent first projects and can be used with the general coverage receiver.

I think this is still the best bang for the buck way to get started.

Hope this Helps,  
73 de Cla KA0GKC

-----  
Date: Tue, 11 May 1999 20:44:55 +0100  
From: Larry Cahoon <wd3p@juno.com>  
To: kj5tf@yahoo.com, qrp-1@Lehigh.EDU  
Subject: [40221] Re: A Good Weekend - WAS at 1,000 miles per watt  
Message-ID: <19990511.204455.4070.1.wd3p@juno.com>

On Mon, 10 May 1999 19:04:37 -0700 (PDT) Jim Hale <kj5tf@yahoo.com>  
writes:

>Congratulations on mW WAS. I'm still working on my mW

Tnx Jim for the comments

>Running milliwatts is just about the most fun I've had

I'm have a blast with it. Someone today was trying to get me to put up a  
tower - I just said what do I need it for if I can work GA, FL and AL in  
one weekend at 2 mWatts.

>BTW, what was your total watts "spent" getting the 50?

Acutally I had WAS QRPP before the contest came along. I still need four  
more states for the contest. Total power out for WAS QRPP now stands a  
6.871 Watts for the WAS. For the contest it's 46 states 7.504 Watts.

>So, maybe you will except this challenge and reduce  
>your score further? :-)

>Do you think you can go back and re-contact some of  
>the states you used "too much power" on? :-)

>

>Now that I have challenged you, I may have a BIG fight  
>on my hands!!! Hi!

Challenge accepted!!!! Beside I was going to keep at it anyway. Got  
started when I got a card from someone in IL who has done it a 50 mWatts  
and was working on 17 mWatts when I got him.

73/72 de Larry.....WD3P in MD

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Tue, 11 May 1999 21:56:54 +0100  
From: "Graham Firth" <Graham.Firth@BTinternet.com>  
To: <qrp-l@lehigh.edu>  
Cc: "Doug Hendricks" <ki6ds@dpo1.k12.ca.us>  
Subject: [40222] QRPP  
Message-ID: <002601be9bf1\$0bf23980\$02010080@graham>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi

Doug Hendricks wrote:

> Please let me know when the Winter issue of QRPP  
> arrives in the mother country.

You will be pleased to know that my copy arrived today  
and what an impressive issue it is! You, Jim, Paul &  
Preston, together with all the helpers are to be  
congratulated.

72/3

Graham

G3MFJ/W3MFJ

-----  
Date: Tue, 11 May 1999 17:14:12 -0400  
From: Steve <smann@advi.net>  
To: Peter\_Simpson@ne.3com.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40223] Re: LED night light?  
Message-ID: <37389DA4.3915@advi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Peter\_Simpson@ne.3com.com wrote:

> I've built  
> a couple of LED lamps, by chaining several LEDs in series and  
> using a small dropping resistor to allow operation on 13 volts.

This reminds me of one of the uses of the first handheld calculator I  
bought in the 1970s. I found that by entering all "8"s in the LED  
display there was enough light to find the correct key and insert it  
into a keyhole correctly even on the darkest of nights!

Steve, N4EY

-----  
Date: Tue, 11 May 1999 17:36:20 EDT  
From: Dean W Manley <kh6b@juno.com>  
To: qrp-1@Lehigh.Edu  
Cc: kh6b@juno.com  
Subject: [40224] Hamvention Award Winner  
Message-ID: <19990511.113754.5391.0.kh6b@juno.com>

Group, this morning, here in Hilo, the Hawaii QRP Club saw Paul Lieb KH6HME, off to the Dayton Hamvention. Paul is an active member of our group that meets DAILY at the Hilo Jack in the Box restaurant.

Paul is the winner of the Special Achievement Award and is to be honored at the Hamvention. He holds distance records on no less than eight bands, VHF, UHF and microwave. On three of the bands, the records were achieved at QRP power levels.

If any of the QRP group should see Paul at the Dayton event, stop and say "hello" to him.

Aloha,

Dean KH6B  
Hilo Hawaii

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Tue, 11 May 1999 17:45:16 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: DBarrett@creo.com  
Cc: qrp-1@lehigh.edu  
Subject: [40225] Re: Masthead Transceiver??  
Message-ID: <199905112229.SAA29542@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT



Content-Transfer-Encoding: 7BIT

> I'm surprised no one has suggested sealing a small transceiver in a nice  
> shielded box at the masthead connected directly to the resonant

Well, this idea does surface from time to time and I've been one to propose it. The consensus is it's probably not worth the effort. Unless your SWR is really, really bad and coax is in real poor shape, you don't lose enough signal to worry about.

OTOH, if you're a serious milliwatt'er or microwatt'er, it might be worth putting the final up there and maybe a Rx preamp. You could send the DC power up the coax and have a RF sensed T/R relay. There's really no need to put the whole rig up there, just use the approach VHFers use.

One other idea I've had is just to put a power meter at the antenna, so you know what the power going into the antenna wire is. You just adjust the power at the rig to get the desired power at the antenna, losses be damned.

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Tue, 11 May 1999 18:36:04 EDT  
From: J38AL@aol.com  
To: qrp-l@lehigh.edu  
Subject: [40226] Re: Thanks for new QRP book info  
Message-ID: <f11e398a.246a0ad4@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 5/11/99 12:46:03 AM Eastern Daylight Time, burnley-ia@worldnet.att.net writes:

<< As it turns out the book is authored  
by list member Rich Arland K7SZ. As I pointed out  
it will be available at Dayton! >>

I ordered one Saturday from the ARRL - or I should say back-ordered one. I can't go to Dayton to get it. Hope it ships soon. Sounds interesting.

72 A1 N2ZHS

Scotia, NY

-----  
Date: Tue, 11 May 1999 18:43:11 -0400  
From: david fouchey <dafouchey@home.com>  
To: smann@advi.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40227] Re: LED night light?  
Message-ID: <3738B27F.2DB2704F@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have used one for years now at the Telescope to minimize affects to my dark adapted eyes. Used a penlight case & dropping resistor/led soldered to a lamp base...of course if you want a commercial version check in Astronomy or Sky & Telescope magazines.

Dave  
WA4EMR/8

Steve wrote:

>  
> Peter\_Simpson@ne.3com.com wrote:  
>  
> > I've built  
> > a couple of LED lamps, by chaining several LEDs in series and  
> > using a small dropping resistor to allow operation on 13 volts.  
>  
> This reminds me of one of the uses of the first handheld calculator I  
> bought in the 1970s. I found that by entering all "8"s in the LED  
> display there was enough light to find the correct key and insert it  
> into a keyhole correctly even on the darkest of nights!  
>  
> Steve, N4EY

-----  
Date: Tue, 11 May 1999 18:56:10 -0400  
From: Dan Puckett <dpuckett@erinet.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40228] Re: Dayton Weather Report?  
Message-ID: <3738B58A.8068F620@erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Bradley Mitchell wrote:

>  
> So what's the poop What's the wx going to be at Dayton this year? :-)  
>  
> See you there!  
> 73  
> Brad WB8YGG  
>  
> (N2JGU inspired me to post this!)  
> Thanks Gary.

Gee Brad, glad you asked.

I just watched the weather geek on tv. He says: there is a chance of showers tomorrow (Wednesday) and Thursday. Just a sprinkling to help the antenna trees grow at Days Inn. Dry for the weekend. Today was bright with a high temp of 84 or 85. Just right.

See y'all in a few,

Dan "Bash bits"  
WD8AAU

-----  
Date: Tue, 11 May 1999 17:52:07 -0500  
From: "Ed Manuel, N5EM" <n5em@flash.net>  
To: qrp-l@lehigh.edu  
Subject: [40229] Re: Masthead Transceiver??  
Message-ID: <3.0.5.32.19990511175207.00996100@pop.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

You know, we've been there before and always seemed to come back to "not worth the effort".

BUT, I've been places where the antenna SITE of choice was an impractical distance - you know, like that little knoll behind your house that's 300 ft. away or a field day location that would benefit from having the antenna feed point somewhere else than the operating position.

Perhaps we've been going at this from the wrong direction. If you had a little remotable rig that could be located at the antenna feedpoint and you

could operate it and control it over a long piece (actual length not particularly important - say >300 ft.) of cheap cable, say RG-6, what possibilities would that open for you to get a really fine antenna going?

I know folks who live in a deed-restricted subdivision but live next to a wooded area. It's a really long run of 50 ohm cable to get out hidden into the trees, for example. But, if you could just drop a little old control cable in the grass until you got out there in the boonies, no one would ever notice.

I'm thinking digital control with telemetry, here. Single coaxial cable with multiplexed signals on it.

Just another wild thought from the think tank. Now, back to our regularly scheduled Dayton packing.

Ed, N5EM

Ed Manuel, N5EM  
Houston, Texas

n5em@amsat.org  
atv@cq-vhf.com

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End of QRP-L Digest 1454

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